

Software's Available (License)

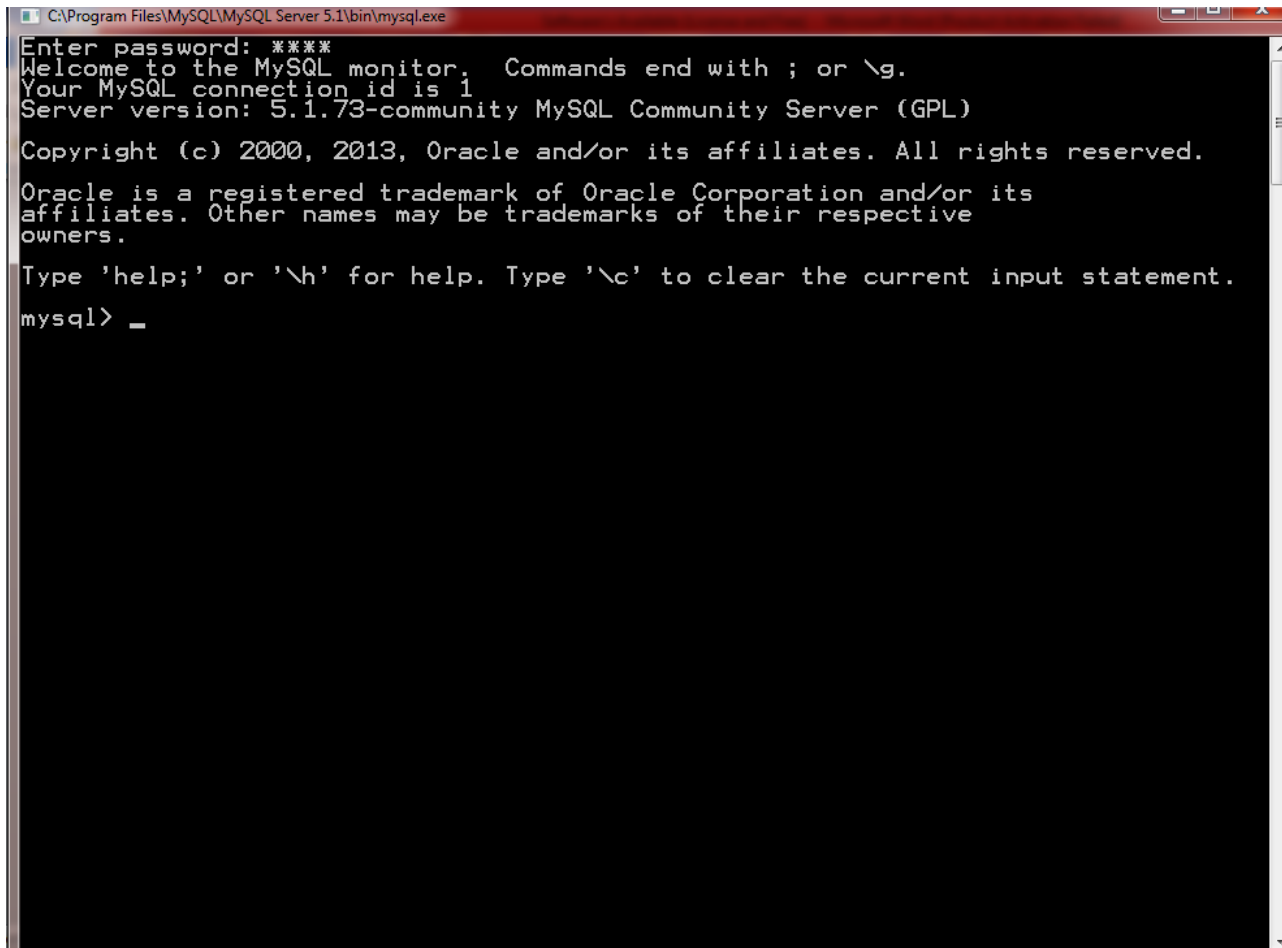
Sr. No.	Name of Software	Qty	PO. NO.	Register No.
1	Microsoft Windows 7	200	873	248
		200	208	263
2	Oracle 10g	1	842	257

Software's Available (Open Source)

Sr.no	Name of Software with Version
1	Fedora-20
2	Python-2.7.5
3	Latex
4	Eclips
5	Jdk-1.7.0_45
6	Gcc-4.8.2
7	MySQL
8	Oracle-11g
9	Bison
10	Flex
11	NASM
12	Libgraph
13	HTML
14	SPYDER

15	Lex
16	Yacc
17	Xamp Server
18	Mozilla Firefox

Screen Shots



```
C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 1
Server version: 5.1.73-community MySQL Community Server (GPL)

Copyright (c) 2000, 2013, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> _
```

```
Run SQL Command Line
SQL*Plus: Release 11.2.0.2.0 Production on Wed Jul 22 00:12:23 2020
Copyright (c) 1982, 2010, Oracle. All rights reserved.
SQL> connect system
Enter password:
Connected.
SQL> _
```

Favorites

Accessories

Documentation

Internet

Sound & Video

Sundry


System Tools

Utilities

Activities Overview

 Firefox Web Browser

 Files

 Documents

 Help

 Terminal

7
CENTOS

🔍 browser



Firefox



Konqueror

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| alga |
| mysql |
| nannov1 |
| performance_schema |
| phpmyadmin |
| test |
| v1 |
+-----+
8 rows in set (0.04 sec)

mysql> use nannov1;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> |
```

Activities

Tue 04:30



🔍 Type to search...



Boxes



Cheese



Clocks



Contacts



DevAssistant



Documents



Empathy



Evolution



Files



Firefox



gedit



LibreOffice ...



LibreOffice ...



LibreOffice I...



LibreOffice ...



Maps



Notes



Rhythmbox



Settings



Shotwell



Software



Sundry



Transmission



Utilities

Frequent

All



The screenshot displays the Eclipse IDE interface. The main editor window shows the following Java code:

```
1 package mysql;
2
3 public class HelloWorld {
4     public static void main(String args[]) {
5         System.out.println("Hello World.");
6     }
7 }
```

The Package Explorer on the left shows the project structure:

- mysql
 - src
 - mysql
 - HelloWorld.java
- JRE System Library [JavaSE-...]

The Outline view on the right shows the class hierarchy:

- mysql
 - HelloWorld
 - main(String[]) : vc

The Console view at the bottom shows the output of the program:

```
<terminated> HelloWorld [Java Application] /usr/lib/jvm/java-1.7.0-openjdk-1.7.0.75-2.5.4.2.fc20.x86_64/bin
Hello World.
```

At the bottom of the IDE, the status bar indicates: Writable | Smart Insert | 7 : 1

Fpllab@fpllab-desktop: ~/bison-1.25

↑ En 12:59 PM

```
fpllab@fpllab-desktop:~$ tar xvzf b
bbb/          bison-1.25/          bison-1.25.tar.gz
fpllab@fpllab-desktop:~$ tar xvzf bison-1.25.tar.gz
bison-1.25/
bison-1.25/COPYING
bison-1.25/ChangeLog
bison-1.25/Makefile.in
bison-1.25/configure
bison-1.25/configure.in
bison-1.25/REFERENCES
bison-1.25/bison.1
bison-1.25/bison.rnh
bison-1.25/configure.bat
bison-1.25/bison.simple
bison-1.25/bison.hairy
bison-1.25/LR0.c
bison-1.25/allocate.c
bison-1.25/closure.c
bison-1.25/conflicts.c
bison-1.25/derives.c
bison-1.25/files.c
bison-1.25/getargs.c
bison-1.25/gram.c
bison-1.25/lalr.c
bison-1.25/lex.c
bison-1.25/main.c
bison-1.25/nullable.c
bison-1.25/output.c
bison-1.25/print.c
bison-1.25/reader.c
bison-1.25/reduce.c
bison-1.25/symtab.c
bison-1.25/version.c
bison-1.25/warshall.c
bison-1.25/files.h
bison-1.25/gram.h
bison-1.25/lex.h
bison-1.25/machine.h
bison-1.25/new.h
bison-1.25/state.h
bison-1.25/symtab.h
bison-1.25/system.h
bison-1.25/types.h
```

Fpllab@fpllab-desktop: ~/bison-1.25

12:59 PM

```
bison-1.25/vmshlp.mar
bison-1.25/README
bison-1.25/INSTALL
bison-1.25/NEWS
bison-1.25/bison.texinfo
bison-1.25/bison.info
bison-1.25/bison.info-1
bison-1.25/bison.info-2
bison-1.25/bison.info-3
bison-1.25/bison.info-4
bison-1.25/bison.info-5
bison-1.25/texinfo.tex
bison-1.25/getopt.c
bison-1.25/getopt.h
bison-1.25/getopt1.c
bison-1.25/alloca.c
bison-1.25/mkinstalldirs
bison-1.25/install-sh
fpllab@fpllab-desktop:~$ cd b
bbb/      bison-1.25/
fpllab@fpllab-desktop:~$ cd bison-1.25/
fpllab@fpllab-desktop:~/bison-1.25$ ./configure
creating cache ./config.cache
checking for gcc... gcc
checking whether we are using GNU C... yes
checking whether gcc accepts -g... yes
checking for a BSD compatible install... /usr/bin/install -c
checking how to run the C preprocessor... gcc -E
checking for minix/config.h... no
checking for POSIXized ISC... no
checking whether cross-compiling... no
checking for ANSI C header files... yes
checking for string.h... yes
checking for stdlib.h... yes
checking for memory.h... yes
checking for working const... yes
checking for working alloca.h... yes
checking for alloca... yes
checking for strerror... yes
updating cache ./config.cache
creating ./config.status
creating Makefile
fpllab@fpllab-desktop:~/bison-1.25$
```

sl3lab@sl3lab-HP-Pro-3330-SFF: ~

↑ ↓ En 11:04 AM ⚙

```
sl3lab@sl3lab-HP-Pro-3330-SFF:~$ g++ stack1.cpp -lgraph
```

```
sl3lab@sl3lab-HP-Pro-3330-SFF:~$ ./a.out
```

1. Push a Data
2. Pop a Data
3. Display All Element of Stack
4. Quit

Enter your choice: 1

Enter the data to push: 10

1. Push a Data
2. Pop a Data
3. Display All Element of Stack
4. Quit

Enter your choice: 1

Enter the data to push: 20

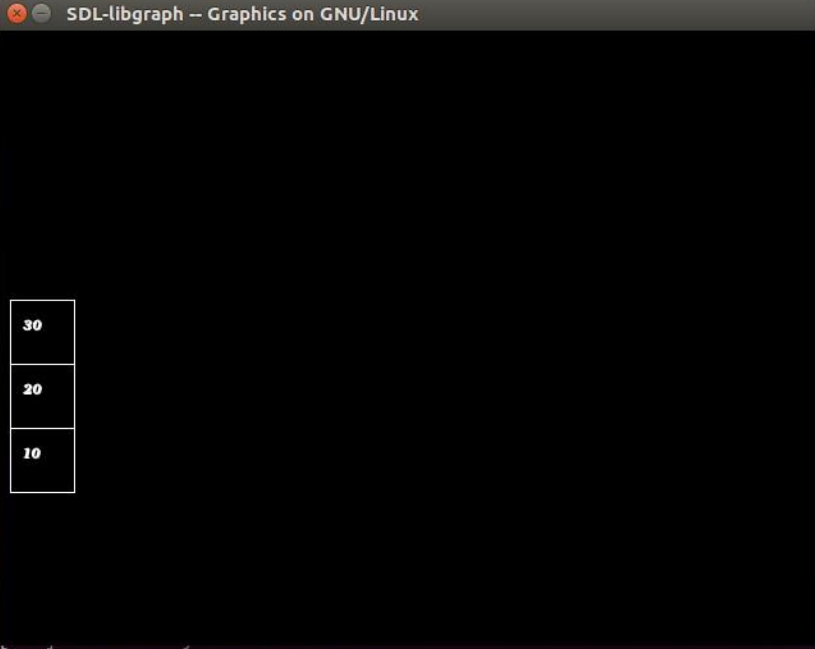
1. Push a Data
2. Pop a Data
3. Display All Element of Stack
4. Quit

Enter your choice: 1

Enter the data to push: 30

1. Push a Data
2. Pop a Data
3. Display All Element of Stack
4. Quit

Enter your choice: 3



30
20
10

not been called

```
[xcb] Aborting, sorry about that.  
a.out: ../../src/xcb_io.c:274: poll_for_event: Assertion '!xcb_xlib_threads_sequence_lost' failed.  
□
```

Fp1lab@fp1lab-desktop: ~/flex-2.5.37

En 9:43 AM

```
fpllab@fp1lab-desktop:~$ sudo tar xvzf flex-2.5.37.tar.gz
```

```
[sudo] password for fpllab:
```

```
flex-2.5.37/  
flex-2.5.37/m4/  
flex-2.5.37/m4/gettext.m4  
flex-2.5.37/m4/iconv.m4  
flex-2.5.37/m4/lib-ld.m4  
flex-2.5.37/m4/lib-link.m4  
flex-2.5.37/m4/lib-prefix.m4  
flex-2.5.37/m4/nls.m4  
flex-2.5.37/m4/po.m4  
flex-2.5.37/m4/progtest.m4  
flex-2.5.37/README  
flex-2.5.37/configure.in  
flex-2.5.37/aclocal.m4  
flex-2.5.37/AUTHORS  
flex-2.5.37/COPYING  
flex-2.5.37/NEWS  
flex-2.5.37/ONEWS  
flex-2.5.37/README.cvs  
flex-2.5.37/TODO  
flex-2.5.37/FlexLexer.h  
flex-2.5.37/flexdef.h  
flex-2.5.37/flexint.h  
flex-2.5.37/version.h  
flex-2.5.37/options.h  
flex-2.5.37/scanopt.h  
flex-2.5.37/tables.h  
flex-2.5.37/tables_shared.h  
flex-2.5.37/Makefile.am  
flex-2.5.37/Makefile.in  
flex-2.5.37/conf.in  
flex-2.5.37/configure  
flex-2.5.37/ABOUT-NLS  
flex-2.5.37/ChangeLog  
flex-2.5.37/INSTALL  
flex-2.5.37/README-alpha  
flex-2.5.37/THANKS  
flex-2.5.37/compile  
flex-2.5.37/config.guess  
flex-2.5.37/config.rpath  
flex-2.5.37/config.sub  
flex-2.5.37/depcomp
```

Fp1lab@fp1lab-desktop: ~/flex-2.5.37

En 9:44 AM

```
flex-2.5.37/tests/test-table-opts/Makefile.in
flex-2.5.37/tests/test-table-opts/scanner.l
flex-2.5.37/tests/test-table-opts/test.input
fp1lab@fp1lab-desktop:~$ cd flex-2.5.37/
fp1lab@fp1lab-desktop:~/flex-2.5.37$ ./configure
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking for gawk... no
checking for mawk... mawk
checking whether make sets $(MAKE)... yes
checking whether NLS is requested... yes
checking for msgfmt... /usr/bin/msgfmt
checking for gmsgfmt... /usr/bin/gmsgfmt
checking for xgettext... /usr/bin/xgettext
checking for msgmerge... /usr/bin/msgmerge
checking for style of include used by make... GNU
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking dependency style of gcc... gcc3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking for ld used by GCC... /usr/bin/ld
checking if the linker (/usr/bin/ld) is GNU ld... yes
checking for shared library run path origin... done
checking whether NLS is requested... yes
checking for GNU gettext in libc... yes
checking whether to use NLS... yes
checking where the gettext function comes from... libc
checking for bison... bison -y
checking for flex... flex
checking lex output file root... lex.yy
checking lex library... -lfl
checking whether yytext is a pointer... yes
checking for gcc... (cached) gcc
checking whether we are using the GNU C compiler... (cached) yes
```

Fpllab@fpllab-desktop: ~/flex-2.5.37

En 9:44 AM

```
flex-2.5.37/tests/test-table-opts/Makefile.in
flex-2.5.37/tests/test-table-opts/scanner.l
flex-2.5.37/tests/test-table-opts/test.input
fpllab@fpllab-desktop:~$ cd flex-2.5.37/
fpllab@fpllab-desktop:~/flex-2.5.37$ ./configure
checking for a BSD-compatible install... /usr/bin/install -c
checking whether build environment is sane... yes
checking for a thread-safe mkdir -p... /bin/mkdir -p
checking for gawk... no
checking for mawk... mawk
checking whether make sets $(MAKE)... yes
checking whether NLS is requested... yes
checking for msgfmt... /usr/bin/msgfmt
checking for gmsgfmt... /usr/bin/gmsgfmt
checking for xgettext... /usr/bin/xgettext
checking for msgmerge... /usr/bin/msgmerge
checking for style of include used by make... GNU
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking dependency style of gcc... gcc3
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking for ld used by GCC... /usr/bin/ld
checking if the linker (/usr/bin/ld) is GNU ld... yes
checking for shared library run path origin... done
checking whether NLS is requested... yes
checking for GNU gettext in libc... yes
checking whether to use NLS... yes
checking where the gettext function comes from... libc
checking for bison... bison -y
checking for flex... flex
checking lex output file root... lex.yy
checking lex library... -lfl
checking whether yytext is a pointer... yes
checking for gcc... (cached) gcc
checking whether we are using the GNU C compiler... (cached) yes
```

Fp1lab@fp1lab-desktop: ~/flex-2.5.37

En 9:43 AM

```
fpllab@fp1lab-desktop:~$ sudo tar xvzf flex-2.5.37.tar.gz
```

```
[sudo] password for fpllab:
```

```
flex-2.5.37/  
flex-2.5.37/m4/  
flex-2.5.37/m4/gettext.m4  
flex-2.5.37/m4/iconv.m4  
flex-2.5.37/m4/lib-ld.m4  
flex-2.5.37/m4/lib-link.m4  
flex-2.5.37/m4/lib-prefix.m4  
flex-2.5.37/m4/nls.m4  
flex-2.5.37/m4/po.m4  
flex-2.5.37/m4/progtest.m4  
flex-2.5.37/README  
flex-2.5.37/configure.in  
flex-2.5.37/aclocal.m4  
flex-2.5.37/AUTHORS  
flex-2.5.37/COPYING  
flex-2.5.37/NEWS  
flex-2.5.37/ONEWS  
flex-2.5.37/README.cvs  
flex-2.5.37/TODO  
flex-2.5.37/FlexLexer.h  
flex-2.5.37/flexdef.h  
flex-2.5.37/flexint.h  
flex-2.5.37/version.h  
flex-2.5.37/options.h  
flex-2.5.37/scanopt.h  
flex-2.5.37/tables.h  
flex-2.5.37/tables_shared.h  
flex-2.5.37/Makefile.am  
flex-2.5.37/Makefile.in  
flex-2.5.37/conf.in  
flex-2.5.37/configure  
flex-2.5.37/ABOUT-NLS  
flex-2.5.37/ChangeLog  
flex-2.5.37/INSTALL  
flex-2.5.37/README-alpha  
flex-2.5.37/THANKS  
flex-2.5.37/compile  
flex-2.5.37/config.guess  
flex-2.5.37/config.rpath  
flex-2.5.37/config.sub  
flex-2.5.37/depcomp
```

sl4lab@sl4lab-HP-ProDesk-400-G1-SFF: ~

En 11:11 AM

```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ javac
```

```
Usage: javac <options> <source files>
```

```
where possible options include:
```

```
-g                Generate all debugging info
-g:none          Generate no debugging info
-g:{lines,vars,source}  Generate only some debugging info
-nowarn          Generate no warnings
-verbose         Output messages about what the compiler is doing
-deprecation     Output source locations where deprecated APIs are used
-classpath <path>  Specify where to find user class files and annotation processors
-cp <path>        Specify where to find user class files and annotation processors
-sourcepath <path> Specify where to find input source files
-bootclasspath <path>  Override location of bootstrap class files
-extdirs <dirs>     Override location of installed extensions
-endorseddirs <dirs>  Override location of endorsed standards path
-proc:{none,only}  Control whether annotation processing and/or compilation is done.
-processor <class1>[,<class2>,<class3>...] Names of the annotation processors to run; bypasses default discovery process
-processorpath <path> Specify where to find annotation processors
-parameters      Generate metadata for reflection on method parameters
-d <directory>    Specify where to place generated class files
-s <directory>    Specify where to place generated source files
-h <directory>    Specify where to place generated native header files
-implicit:{none,class} Specify whether or not to generate class files for implicitly referenced files
-encoding <encoding> Specify character encoding used by source files
-source <release>  Provide source compatibility with specified release
-target <release> Generate class files for specific VM version
-profile <profile> Check that API used is available in the specified profile
-version          Version information
-help            Print a synopsis of standard options
-Akey[=value]    Options to pass to annotation processors
-X              Print a synopsis of nonstandard options
-J<flag>         Pass <flag> directly to the runtime system
-Werror         Terminate compilation if warnings occur
@<filename>     Read options and filenames from file
```

```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ java
```

```
Usage: java [-options] class [args...]
```

```
(to execute a class)
```

```
or java [-options] -jar jarfile [args...]
```

```
(to execute a jar file)
```

```
where options include:
```

```
-d32      use a 32-bit data model if available
-d64      use a 64-bit data model if available
```

sl4lab@sl4lab-HP-ProDesk-400-G1-SFF: ~

En 10:53 AM

```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ mysql -u root -pEnter password:
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
```

```
Your MySQL connection id is 5
```

```
Server version: 5.7.29-0ubuntu0.16.04.1 (Ubuntu)
```

```
Copyright (c) 2000, 2020, Oracle and/or its affiliates. All rights reserved.
```

```
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> █
```

sl4lab@sl4lab-HP-ProDesk-400-G1-SFF: ~

En 11:29 AM

```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ python
Python 2.7.15 |Anaconda, Inc.| (default, Dec 14 2018, 19:04:19)
[GCC 7.3.0] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>
```



```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF: ~/Desktop
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ cd Desktop
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~/Desktop$ python DNS.py
Welcome to DNS to IP Address
Enter URL: www.google.com
```


Mozilla Firefox

Server Not Found | /home/sl4lab/reg.html

file:///home/sl4lab/reg.html

Register for Medha 2K20

Please fill in this form to register for medha fest , AVCOE.



Name:

Contact number :

Group Name:

Team leader's Name:

upload your group photo: No file selected. Please fill out this field.

Enter your performance domain:

Accommodation Required * : yes No

sl4lab@sl4lab-HP-ProDesk-400-G1-SFF: ~

En 11:08 AM


```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ firefox reg.html  
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$
```



Setup

```
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~$ cd Downloads
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~/Downloads$ chmod 755 xampp-linux-x64-7.3.12-0-installer.run
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~/Downloads$ ls -l xampp-linux-x64-7.3.12-0-installer.run
-rwxr-xr-x 1 sl4lab sl4lab 153712772 Dec 24 2019 xampp-linux-x64-7.3.12-0-installer.run
sl4lab@sl4lab-HP-ProDesk-400-G1-SFF:~/Downloads$ sudo ./xampp-linux-x64-7.3.12-0-installer.run
[sudo] password for sl4lab:
```

Welcome to XAMPP!



XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl

Installing

Unpacking files

XAMPP Installer

< Back Next > Cancel