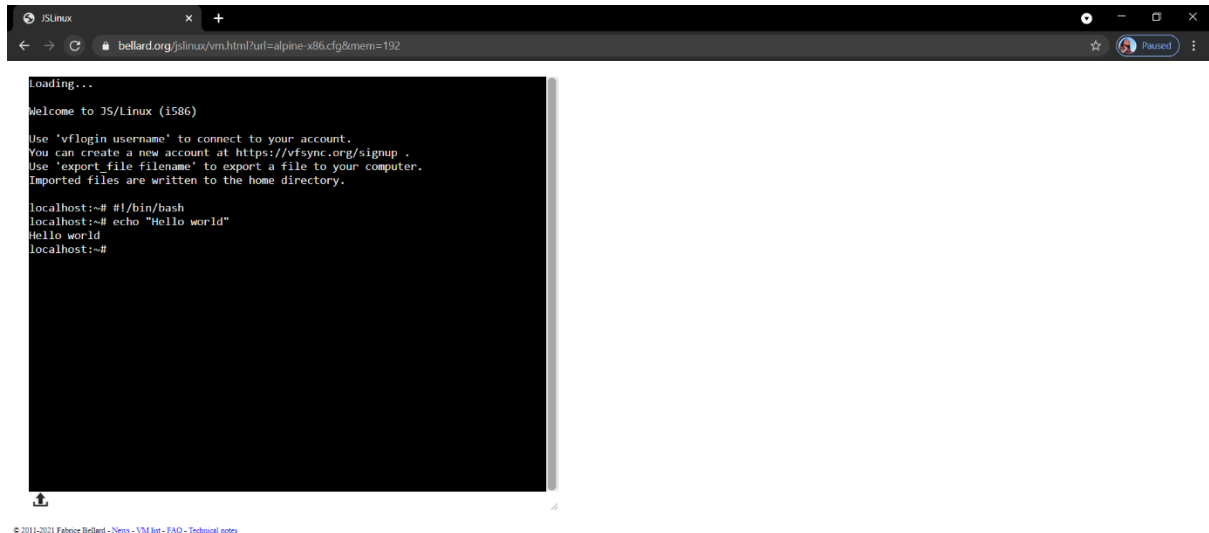


Shell Programs

1.Shell Program to display Hello world



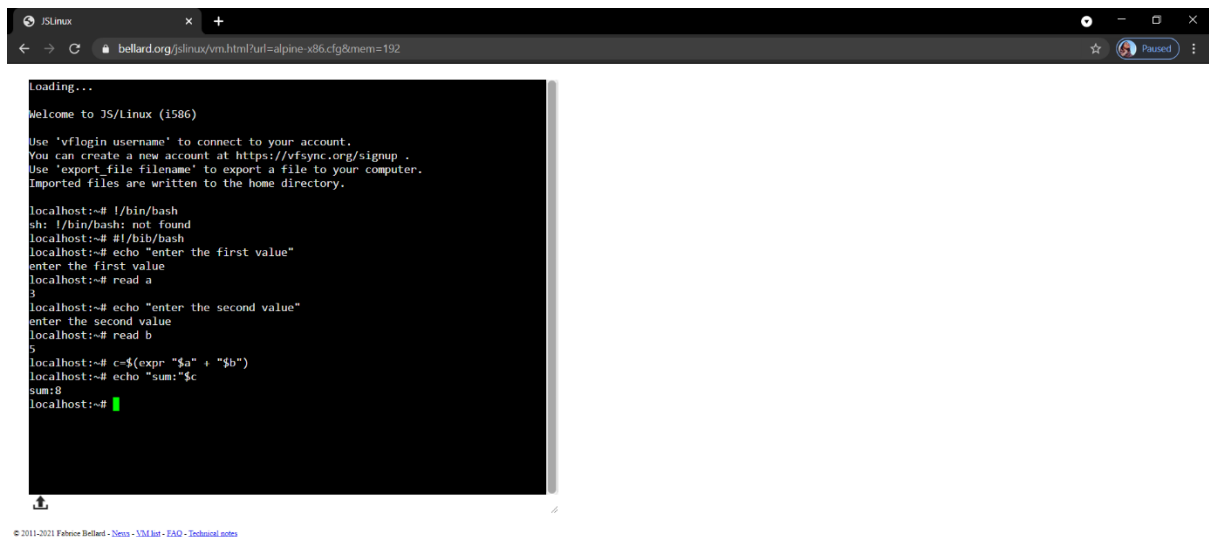
The screenshot shows a web browser window with the address bar displaying `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The browser window contains a terminal window titled "JS/Linux (i586)". The terminal output is as follows:

```
Loading...
Welcome to JS/Linux (i586)
Use 'vlogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export file filename' to export a file to your computer.
Imported files are written to the home directory.

localhost:~# #!/bin/bash
localhost:~# echo "Hello world"
Hello world
localhost:~#
```

Below the terminal window, there is a small copyright notice: "© 2011-2021 Fabrice Bellard - [Sponsor](#) - [VM list](#) - [FAQ](#) - [Technical notes](#)".

2.shell program to find sum of 2 numbers



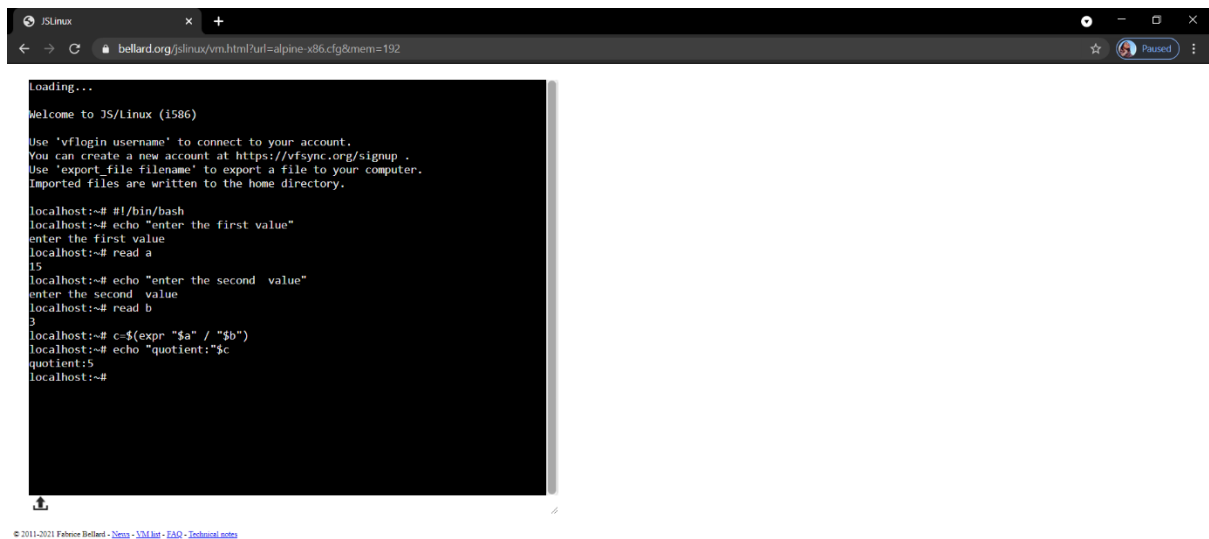
The screenshot shows a web browser window with the address bar displaying `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The browser window contains a terminal window titled "JS/Linux (i586)". The terminal output is as follows:

```
Loading...
Welcome to JS/Linux (i586)
Use 'vlogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export file filename' to export a file to your computer.
Imported files are written to the home directory.

localhost:~# #!/bin/bash
sh: !/bin/bash: not found
localhost:~# #!/bin/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
3
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
5
localhost:~# c=$((expn "$a" + "$b"))
localhost:~# echo "sum:$c"
sum:8
localhost:~#
```

Below the terminal window, there is a small copyright notice: "© 2011-2021 Fabrice Bellard - [Sponsor](#) - [VM list](#) - [FAQ](#) - [Technical notes](#)".

3.Shell Program to find quotient of 2 numbers



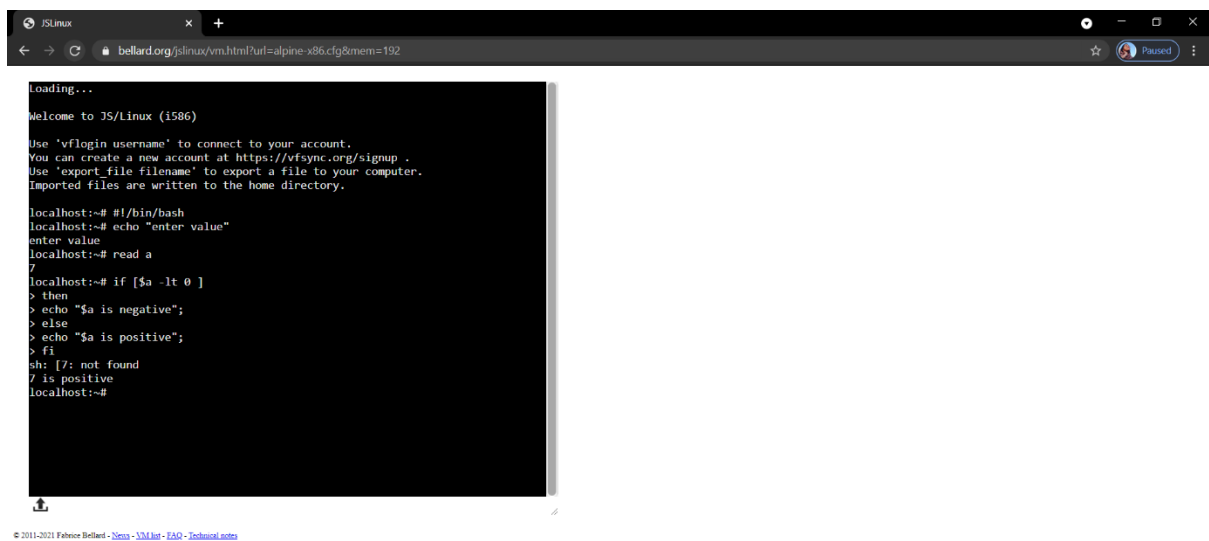
```
Loading...
Welcome to JS/Linux (i586)

Use 'vlogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export_file filename' to export a file to your computer.
Imported files are written to the home directory.

localhost:~# #!/bin/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
15
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
3
localhost:~# c=$((expr "$a" / "$b"))
localhost:~# echo "quotient:$c"
quotient:5
localhost:~#
```

© 2011-2021 Fabrice Bellard - [News](#) - [VM list](#) - [FAQ](#) - [Technical notes](#)

4.Shell program to check whether a given number is positive or negative



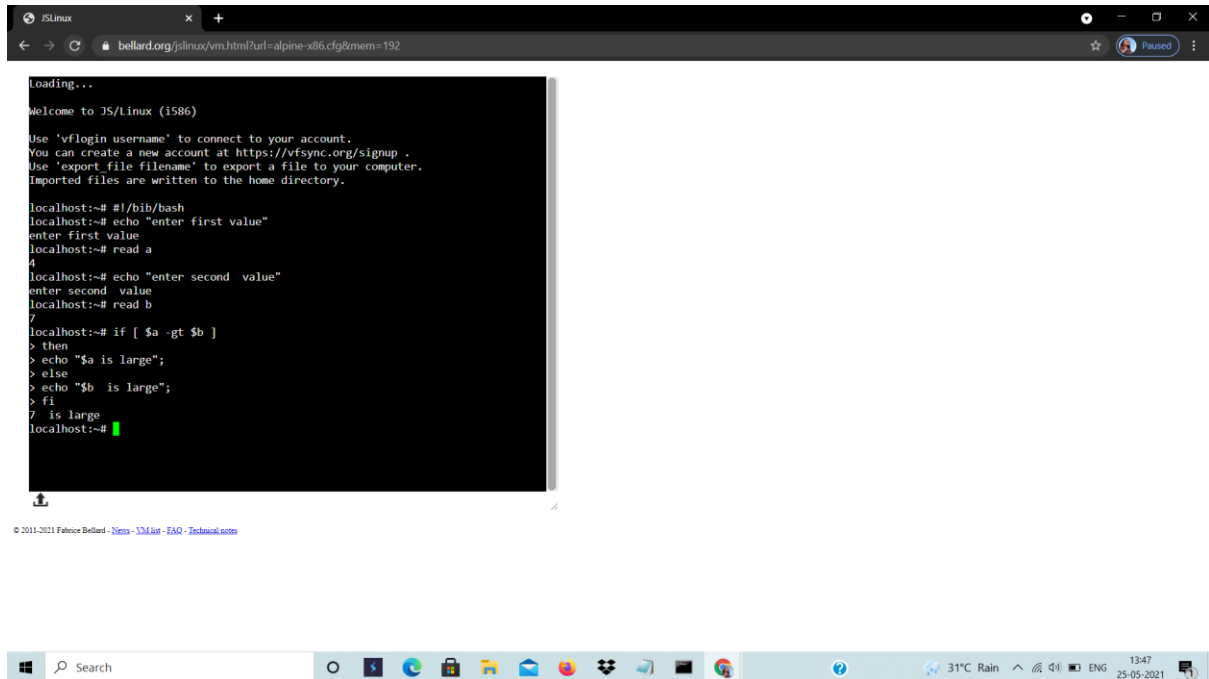
```
Loading...
Welcome to JS/Linux (i586)

Use 'vlogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export_file filename' to export a file to your computer.
Imported files are written to the home directory.

localhost:~# #!/bin/bash
localhost:~# echo "enter value"
enter value
localhost:~# read a
7
localhost:~# if [ $a -lt 0 ]
> then
> echo "$a is negative";
> else
> echo "$a is positive";
> fi
sh: [Z: not found
7 is positive
localhost:~#
```

© 2011-2021 Fabrice Bellard - [News](#) - [VM list](#) - [FAQ](#) - [Technical notes](#)

5.Shell program to find largest of 2 numbers



The screenshot shows a web browser window with the address bar displaying `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The browser window contains a terminal window titled `JS/Linux (i586)`. The terminal output is as follows:

```
loading...
Welcome to JS/Linux (i586)

Use 'vlogin username' to connect to your account.
You can create a new account at https://vfsync.org/signup .
Use 'export file filename' to export a file to your computer.
Imported files are written to the home directory.

localhost:~# #!/bin/bash
localhost:~# echo "enter first value"
enter first value
localhost:~# read a
4
localhost:~# echo "enter second value"
enter second value
localhost:~# read b
7
localhost:~# if [ $a -gt $b ]
> then
> echo "$a is large";
> else
> echo "$b is large";
> fi
7 is large
localhost:~#
```

Below the terminal window, there is a small copyright notice: `© 2011-2021 Fabrice Bellard - News - VM list - FAQ - Technical notes`.

The bottom of the image shows a Windows taskbar with the search bar, taskbar icons, and system tray area displaying the date and time as 13:47 on 25-05-2021.