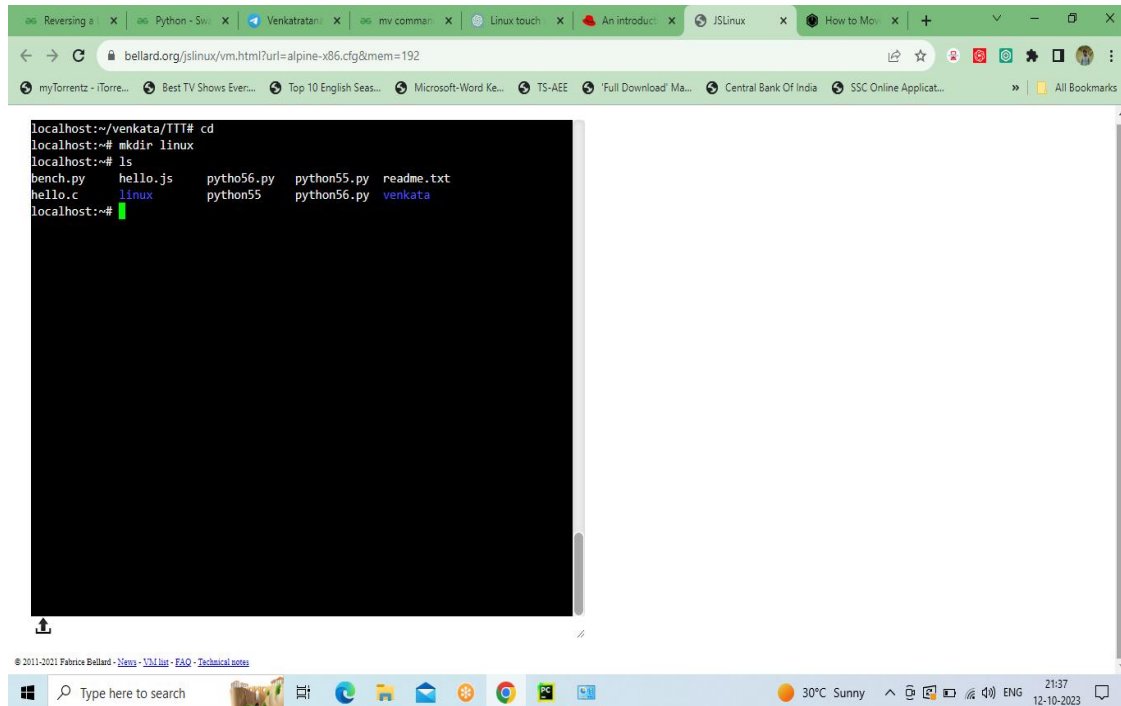


LINUX BASIC COMMAND

C



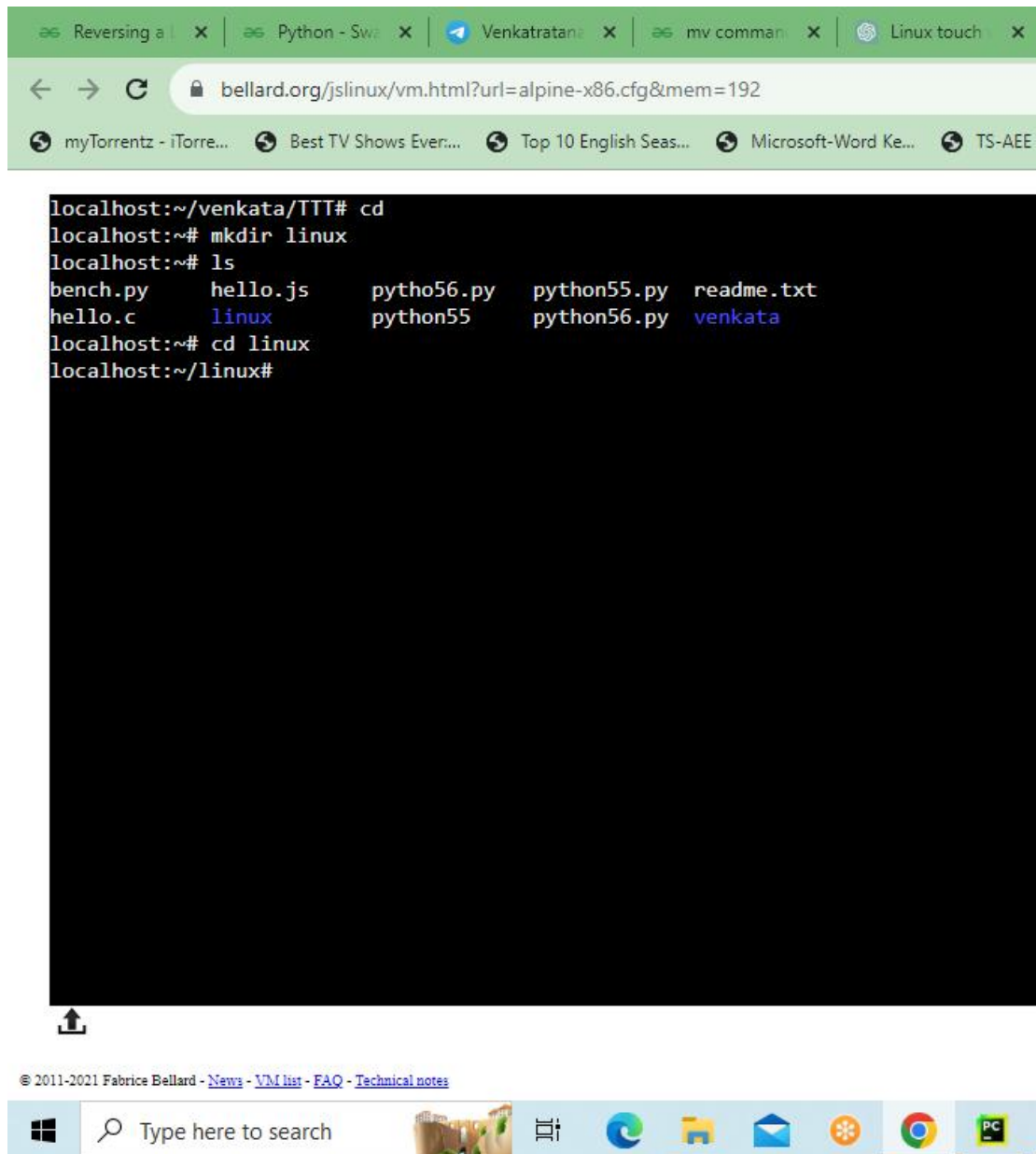
The screenshot shows a web browser window with a terminal interface. The terminal output is as follows:

```
localhost:~/venkata/TTT# cd
localhost:~# mkdir linux
localhost:~# ls
bench.py  hello.js  pytho56.py  python55.py  readme.txt
hello.c   linux     python55    python56.py  venkata
localhost:~#
```

The browser's address bar shows the URL: bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons. The system tray on the right indicates a temperature of 30°C, sunny weather, and the date/time: 21:37 12-10-2023.

CREATING NEW DIRECTORY USING `MKDIR` AND ACCESING ALL FILES USING ;'LS' COMMAND

LINUX BASIC COMMAND



The screenshot displays a web browser window with several tabs open: "Reversing a...", "Python - Sw...", "Venkatratana...", "mv comman...", and "Linux touch...". The address bar shows the URL "bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192". Below the address bar, there are several search engines listed: "myTorrentz - iTorre...", "Best TV Shows Ever...", "Top 10 English Seas...", "Microsoft-Word Ke...", and "TS-AEE".

The main content area of the browser shows a terminal window with the following commands and output:


```
localhost:~/venkata/TTT# cd
localhost:~# mkdir linux
localhost:~# ls
bench.py      hello.js      pytho56.py   python55.py   readme.txt
hello.c       linux         python55     python56.py   venkata
localhost:~# cd linux
localhost:~/linux#
```

Below the terminal window, there is a small icon of a computer monitor. At the bottom of the browser window, there is a footer that reads: "© 2011-2021 Fabrice Bellard - [News](#) - [VM list](#) - [FAQ](#) - [Technical notes](#)".

At the bottom of the screenshot, there is a Windows taskbar. It includes the Windows logo, a search bar with the text "Type here to search", and several application icons: a folder, a mail icon, a calendar icon, a Chrome browser icon, and a PC icon.

CHANGING DIRECTOEY USING **CD** COMMAND

LINUX BASIC COMMAND



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's tab bar shows several open tabs, including "Reversing a...", "Python - Swi...", "Venkatratana...", "mv comman...", and "Linux touch...". Below the address bar, there is a list of search suggestions or bookmarks, including "myTorrentz - iTorre...", "Best TV Shows Ever...", "Top 10 English Seas...", "Microsoft-Word Ke...", and "TS-AEE". The main content area of the browser is a black terminal window. The terminal displays the following Python code:

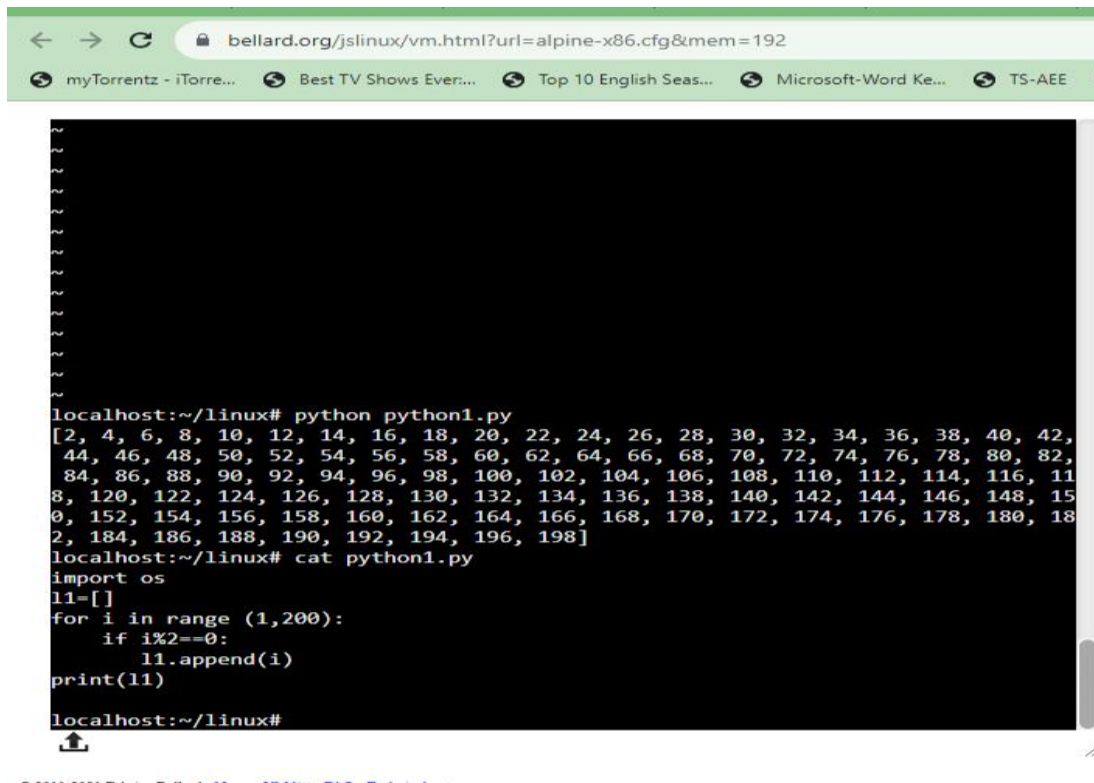
```
import os
l1=[]
for i in range (1,200):
    if i%2==0:
        l1.append(i)
print(l1)
```

Below the code, there are several lines of tilde characters (~) representing the output of the script. At the bottom of the terminal, the prompt `localhost:~/linux#` is visible.

USING VI COMMAND CREATING FILE EXECUTING PYTHON PROGRAM

```
localhost:~/linux# python python1.py
[2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198]
localhost:~/linux#
```

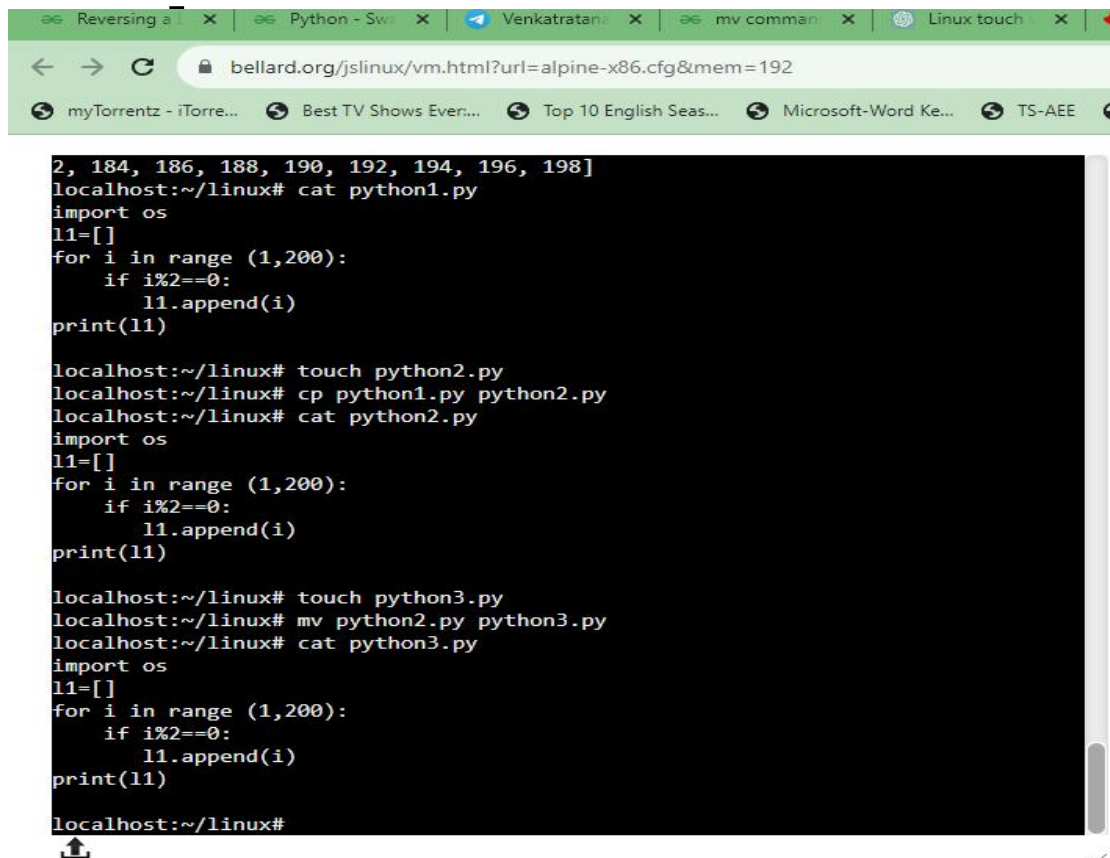
LINUX BASIC COMMAND



A screenshot of a web browser window. The address bar shows the URL `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The browser has several tabs open, including "myTorrentz - iTorre...", "Best TV Shows Ever...", "Top 10 English Seas...", "Microsoft-Word Ke...", and "TS-AEE". The main content area displays a terminal window with a black background and white text. The terminal shows a list of even numbers from 2 to 198, followed by the command `python python1.py` which prints the same list. Then, the command `cat python1.py` is used to display the contents of the file, which is a Python script that generates the list of even numbers.

```
localhost:~/linux# python python1.py
[2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42,
44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82,
84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198]
localhost:~/linux# cat python1.py
import os
l1=[]
for i in range (1,200):
    if i%2==0:
        l1.append(i)
print(l1)
localhost:~/linux#
```

ACCESING SAVED FILE USING “CAT” COMMAND



A screenshot of a web browser window, similar to the one above, showing a terminal window. The terminal displays the output of the `cat` command from the previous screenshot. Then, the user creates a new file `python2.py` using `touch`, copies the contents of `python1.py` into it using `cp`, and then uses `cat` to verify the copy. This process is repeated for a third file, `python3.py`, using `touch`, `mv` (to rename `python2.py` to `python3.py`), and `cat`.

```
localhost:~/linux# cat python1.py
import os
l1=[]
for i in range (1,200):
    if i%2==0:
        l1.append(i)
print(l1)

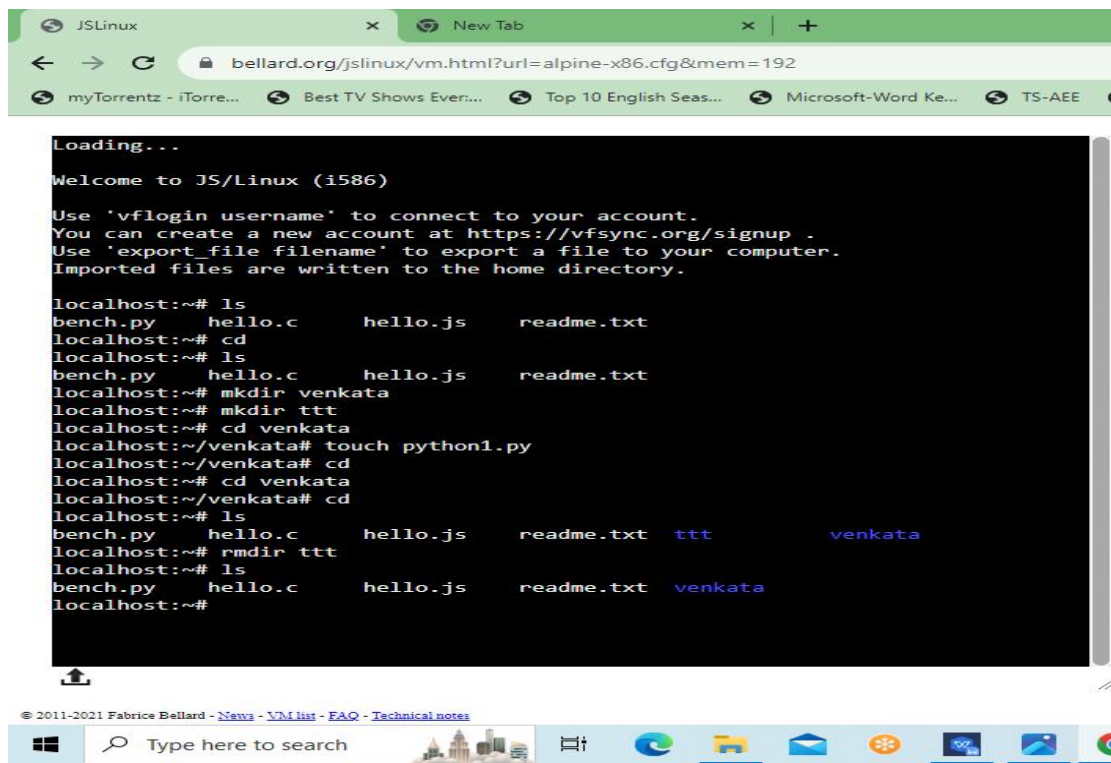
localhost:~/linux# touch python2.py
localhost:~/linux# cp python1.py python2.py
localhost:~/linux# cat python2.py
import os
l1=[]
for i in range (1,200):
    if i%2==0:
        l1.append(i)
print(l1)

localhost:~/linux# touch python3.py
localhost:~/linux# mv python2.py python3.py
localhost:~/linux# cat python3.py
import os
l1=[]
for i in range (1,200):
    if i%2==0:
        l1.append(i)
print(l1)

localhost:~/linux#
```

COPYING AND MOVING DATA FROM FILES USING CP AND MV COMMANDS

LINUX BASIC COMMAND



The screenshot shows a web browser with the address bar displaying `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The terminal window displays the following text:

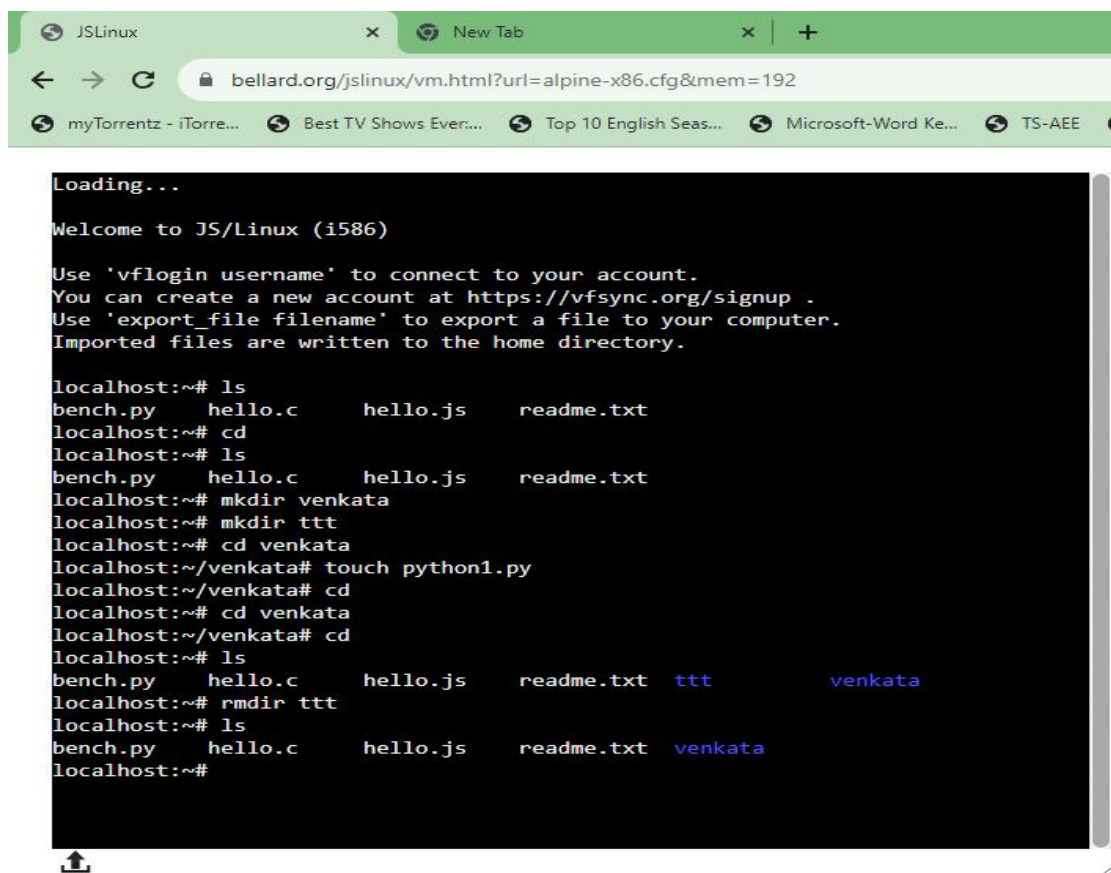
```
Loading...
Welcome to JS/Linux (i586)

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:~# ls
bench.py  hello.c      hello.js      readme.txt
localhost:~# cd
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt
localhost:~# mkdir venkata
localhost:~# mkdir ttt
localhost:~# cd venkata
localhost:~/venkata# touch python1.py
localhost:~/venkata# cd
localhost:~# cd venkata
localhost:~/venkata# cd
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt  ttt          venkata
localhost:~# rmdir ttt
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt  venkata
localhost:~#
```

Below the terminal window, there is a Windows taskbar with a search bar and several application icons. At the bottom of the browser window, there is a copyright notice: © 2011-2021 Fabrice Bellard - [News](#) - [VM list](#) - [FAQ](#) - [Technical notes](#).

DELETING DIRECTORY USING RMDIR COMMAND



The screenshot shows a web browser with the address bar displaying `bellard.org/jslinux/vm.html?url=alpine-x86.cfg&mem=192`. The terminal window displays the following text:

```
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:~# ls
bench.py  hello.c      hello.js      readme.txt
localhost:~# cd
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt
localhost:~# mkdir venkata
localhost:~# mkdir ttt
localhost:~# cd venkata
localhost:~/venkata# touch python1.py
localhost:~/venkata# cd
localhost:~# cd venkata
localhost:~/venkata# cd
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt  ttt          venkata
localhost:~# rmdir ttt
localhost:~# ls
bench.py  hello.c      hello.js      readme.txt  venkata
localhost:~#
```

Below the terminal window, there is a Windows taskbar with a search bar and several application icons. At the bottom of the browser window, there is a copyright notice: © 2011-2021 Fabrice Bellard - [News](#) - [VM list](#) - [FAQ](#) - [Technical notes](#).

REMOVING FILE IN DIRECTORY USING RM COMMAND