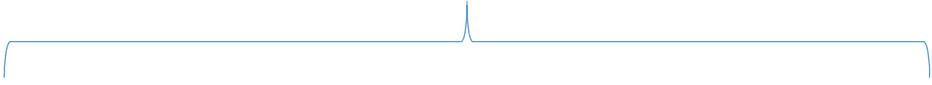


Go to : <http://192.168.1.200> in web browser – for File Sharing

FOR RUNNING SIMULATOR

Goto : Terminal and type the following in \$ prompt


\$ ssh -X s202110????@192.168.1.200

s202110????@192.168.1.200's password : <enter password>

Type the following to run MARS Simulator


\$ mars-sim → for Mars Simulator

```
s2021109999@centos8-linux:~  
sf-audcse@sf-audcse-vm:~$ ssh -X s2021109999@10.5.12.254  
s2021109999@10.5.12.254's password:  
Web console: https://centos8-linux.audcse:9090/ or https://10.5.12.254:9090/  
Last login: Sat Feb 26 14:21:19 2022 from 10.5.13.241  
[s2021109999@centos8-linux Sat Feb 26 02:44 PM ~]$ mars-sim  
█
```

MARS 4.5

File Edit Run Settings Tools Help

Edit Execute

Coproc 0			Coproc 1		
Name	Num...	Value			
\$zero	0	0x00000000			
\$at	1	0x00000000			
\$v0	2	0x00000000			
\$v1	3	0x00000000			
\$a0	4	0x00000000			
\$a1	5	0x00000000			
\$a2	6	0x00000000			
\$a3	7	0x00000000			
\$t0	8	0x00000000			
\$t1	9	0x00000000			
\$t2	10	0x00000000			
\$t3	11	0x00000000			
\$t4	12	0x00000000			
\$t5	13	0x00000000			
\$t6	14	0x00000000			
\$t7	15	0x00000000			
\$s0	16	0x00000000			
\$s1	17	0x00000000			
\$s2	18	0x00000000			
\$s3	19	0x00000000			
\$s4	20	0x00000000			
\$s5	21	0x00000000			
\$s6	22	0x00000000			
\$s7	23	0x00000000			
\$t8	24	0x00000000			

Mars Messages Run I/O

Clear

\$ drmips-sim → for Dr.MIPS Simulator

```
sf-audcse@sfaudcse-vm:~$ ssh -X s2021109999@10.5.12.254
s2021109999@10.5.12.254's password:
Web console: https://centos8-linux.audcse:9090/ or https://10.5.12.254:9090/

Last login: Sat Feb 26 14:21:19 2022 from 10.5.13.241
[s2021109999@centos8-linux Sat Feb 26 02:44 PM ~]$ mars-sim
[s2021109999@centos8-linux Sat Feb 26 02:44 PM ~]$ drmips-sim
Feb 26, 2022 2:44:57 PM brunonova.drmips.pc.DrMIPS main
INFO: running from jar file; path to jar folder: /opt/DrMIPS
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal
MIPS/DrMIPS.jar)
WEIGHT_POPUP
WARNING: Please c
asePanelUI
WARNING: Use --il
ive access operat
WARNING: All illeg
Feb 26, 2022 2:44:
INFO: language fi
```

Register	Value
0: \$zero	0
1: \$at	0
2: \$v0	0
3: \$v1	0
4: \$a0	0
5: \$a1	0
6: \$a2	0
7: \$a3	0
8: \$t0	0
9: \$t1	0
10: \$t2	0
11: \$t3	0
12: \$t4	0
13: \$t5	0
14: \$t6	0
15: \$t7	0
16: \$s0	0
17: \$s1	0
18: \$s2	0
19: \$s3	0
20: \$s4	0
21: \$s5	0
22: \$s6	0
23: \$s7	0
24: \$t8	0

Type the following to exit from the SSH Server connection

\$ exit → and press Enter

Shutdown Local UBUNTU Desktop Computer