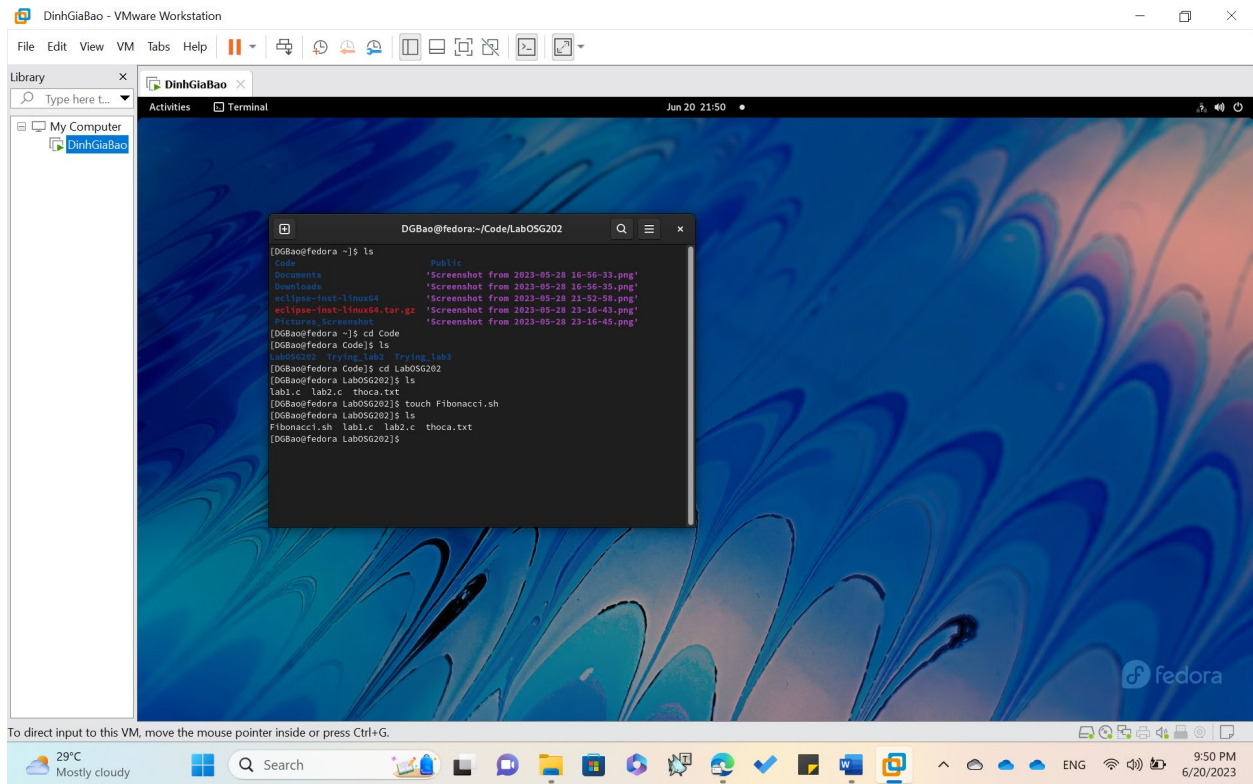
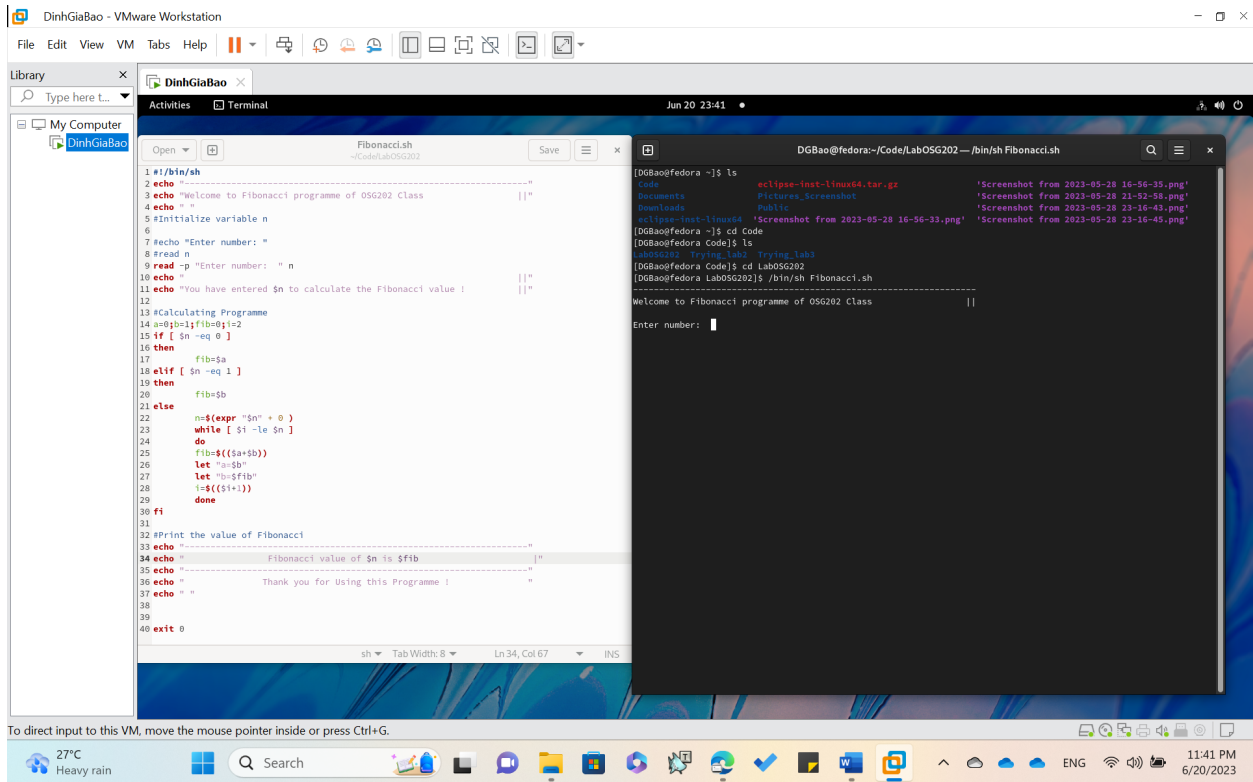


## Tạo file Shell Script(\*.sh)



## Thực hành và chạy chương trình Tính giá trị Fibonacci nhập vào từ người dùng



```
1 #!/bin/sh
2 echo "-----"
3 echo "Welcome to Fibonacci programme of OSG202 Class"
4 echo "-----"
5 #Initialize variable n
6
7 #echo "Enter number: "
8 #read n
9 read -p "Enter number: " n
10 echo "-----"
11 echo "You have entered $n to calculate the Fibonacci value !"
12
13 #Calculating Programme
14 a=0;b=1;fib=0;i=2
15 if [ $n -eq 0 ]
16 then
17     fib=$a
18 elif [ $n -eq 1 ]
19 then
20     fib=$b
21 else
22     n=$((expr "$n" + 0 ))
23     while [ $i -le $n ]
24     do
25         fib=$((a+b))
26         let "a=$b"
27         let "b=$fib"
28         i=$((i+1))
29     done
30 fi
31
32 #Print the value of Fibonacci
33 echo "-----"
34 echo "Fibonacci value of $n is $fib"
35 echo "-----"
36 echo "Thank you for Using this Programme !"
37 echo "-----"
38
39
40 exit 0
```

sh Tab Width: 8 Ln 34, Col 67 INS

```
[DGBao@fedora ~]$ ls
Code          eclipse-inst-linux64.tar.gz
Documents     Pictures_Screenshot
Downloads     Public
eclipse-inst-linux64
[DGBao@fedora ~]$ cd Code
[DGBao@fedora Code]$ ls
Lab05G202 Trying_lab2 Trying_lab3
[DGBao@fedora Code]$ cd Lab05G202
[DGBao@fedora Lab05G202]$ ./bin/sh Fibonacci.sh

Welcome to Fibonacci programme of OSG202 Class

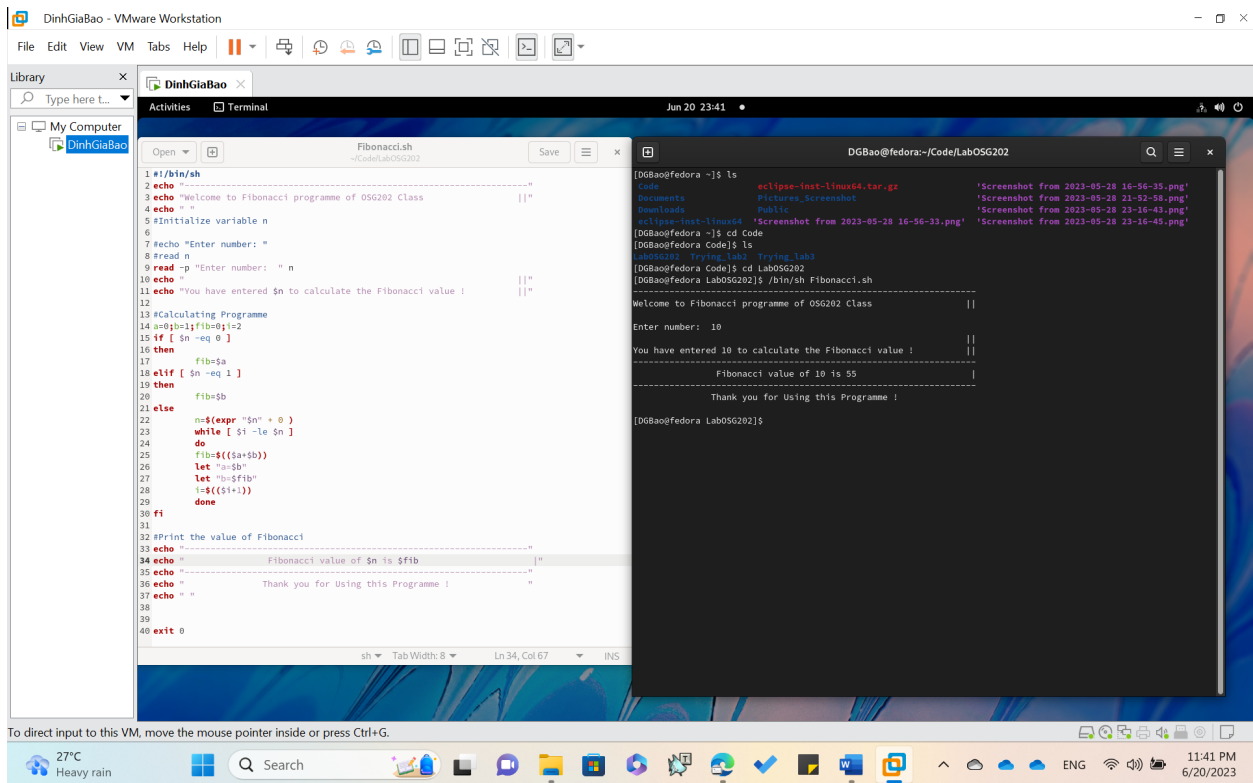
Enter number: 10

You have entered 10 to calculate the Fibonacci value !

Fibonacci value of 10 is 55

Thank you for Using this Programme !

[DGBao@fedora Lab05G202]$
```



```
1 #!/bin/sh
2 echo "-----"
3 echo "Welcome to Fibonacci programme of OSG202 Class"
4 echo "-----"
5 #Initialize variable n
6
7 #echo "Enter number: "
8 #read n
9 read -p "Enter number: " n
10 echo "-----"
11 echo "You have entered $n to calculate the Fibonacci value !"
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22     n=$((expr "$n" + 0 ))
23     while [ $i -le $n ]
24     do
25         fib=$((a+b))
26         let "a=$b"
27         let "b=$fib"
28         i=$((i+1))
29     done
30 fi
31
32 #Print the value of Fibonacci
33 echo "-----"
34 echo "Fibonacci value of $n is $fib"
35 echo "-----"
36 echo "Thank you for Using this Programme !"
37 echo "-----"
38
39
40 exit 0
```

sh Tab Width: 8 Ln 34, Col 67 INS

```
[DGBao@fedora ~]$ ls
Code          eclipse-inst-linux64.tar.gz
Documents     Pictures_Screenshot
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eclipse-inst-linux64
[DGBao@fedora ~]$ cd Code
[DGBao@fedora Code]$ ls
Lab05G202 Trying_lab2 Trying_lab3
[DGBao@fedora Code]$ cd Lab05G202
[DGBao@fedora Lab05G202]$ ./bin/sh Fibonacci.sh

Welcome to Fibonacci programme of OSG202 Class

Enter number: 10

You have entered 10 to calculate the Fibonacci value !

Fibonacci value of 10 is 55

Thank you for Using this Programme !

[DGBao@fedora Lab05G202]$
```