

```
Jan 27 10:51 student@student-BY-OEM:~ fib.sh
GNU nano 7.2
Enter Student Name:
read name
Enter Subject 1 Marks:
read m1
Enter Subject 2 Marks:
read m2
Enter Subject 3 Marks:
read m3
total=$((m1 + m2 + m3))
percentage=$(($total / 3))

if [ $percentage -ge 75 ]; then
    class="Distinction"
elif [ $percentage -ge 60 ]; then
    class="First Class"
elif [ $percentage -ge 50 ]; then
    class="Second Class"
elif [ $percentage -ge 40 ]; then
    class="Pass"
else
    class="Fail"
fi

Read 33 Lines | Write Out | Where Is | Cut | Execute | Location
^G Help      ^D Read File | Replace | Paste | Justify | Go To Line
^X Exit
```

```
student@student-BY-OEM: $ nano fib.sh
student@student-BY-OEM: $ chmod +x fib.sh
student@student-BY-OEM: $ ./fib.sh
Enter Student Name:
divyani
Enter Subject 1 Marks:
20
Enter Subject 2 Marks:
19
Enter Subject 3 Marks:
18
----- MARK SHEET -----
Name: divyani
Total: 57
Percentage: 19%
Class: Fail
student@student-BY-OEM: $ nano fib.sh
student@student-BY-OEM: $ nano fib.sh
student@student-BY-OEM: $
```

```
student@student-BY-OEM: $ nano code.sh
student@student-BY-OEM: $ chmod +x code.sh
Command 'chomd' not found, did you mean:
  command 'chmod' from deb coreutils (9.4-3ubuntu6.1)
Try: sudo apt install <deb name>
student@student-BY-OEM: $ chmod +x code.sh
student@student-BY-OEM: $ ./code.sh
Enter value of n:
4
Fibonacci series up to 4 terms:
1 1 2 3
student@student-BY-OEM: $
```



File



GNU nano 7.2

/bin/bash



echo "Enter value of n:"



read n



a=1



b=1



echo "Fibonacci series up to \$n terms:"



for (( i=1; i&lt;=n; i++ ))



do

echo -n "\$a "

c=\$((a + b))

a=\$b

b=\$c



done



echo

Jan 27 16:35

student@student-BY-OEM: ~

code.sh

```
GNU nano 7.2                               student@student-VirtualBox: ~
```

```
code.sh
```

```
Enter value of n:
```

```
n
```

```
a=1
```

```
b=1
```

```
"Fibonacci series up to $n terms:"
```

```
for (( i=1; i<=n; i++ ))
```

```
do
```

```
    echo -n "$a "
```

```
    c=$((a + b))
```

```
    a=$b
```

```
    b=$c
```

```
done
```

```
echo
```

```
[ Read 20 lines ]
```

```
^C Help      ^O Write Out   ^W Where Is     ^K Cut          ^T Execute      ^L Location
^X Exit      ^R Read File   ^U Replace      ^M Paste        ^J Justify      ^G Go To Line
```

Jan 27 10:37

```
student@student-BY-OEM: $ nano prime.sh
student@student-BY-OEM: $ chmod +x prime.sh
student@student-BY-OEM: $ ./prime.sh
Enter value of n:
20
Prime Numbers:
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 student@student-BY-OEM: $
```

student@student-BY-OEM: ~

GNU nano 7.2

code.sh

```
#!/bin/bash
echo "Enter value of n:"
read n
a=1
b=1
echo "Fibonacci series up to $n terms:"
for (( i=1; i<=n; i++ ))
do
    echo -n "$a "
    c=$((a + b))
    a=$b
    b=$c
done
echo
```

[ Read 20 lines ]

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify Location Go To Line

student@student-OptiPlex-5070: ~

GNU nano 7.2 prime.sh

```
count=0
num=2
echo "Prime Numbers"
while [ $count -lt $n ]
do
    flag=1
    for ((i=2;i<=num/2;i++))
    do
        if [ $((num%i)) -eq 0 ]; then
            flag=0
            break
        fi
    done
    if [ $flag -eq 1 ]; then
        echo -n "$num "
        count=$((count+1))
    fi
    num=$((num+1))
done
```

Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify Location Go To Line