

 MINGW64:/c/Users/dell/Desktop/OS_CD24035

```
dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)
$ echo "Enter marks of English"
read m1
echo "Enter marks of Maths"
read m2
echo "Enter marks of Science"
read m3
total=$((m1+m2+m3))
percentage=$((total/3))
echo "Student: Total Marks = $total"
echo "Percentage = $percentage"
if [ $percentage -ge 75 ]; then
    echo "Class: Distinction"
elif [ $percentage -ge 60 ]; then
    echo "Class: First Class"
elif [ $percentage -ge 40 ]; then
    echo "Class: Second Class"
elif [ $percentage -ge 35 ]; then
    echo "Class: Third Class"
else
    echo "Class Fail"
fi
Enter marks of English
30
Enter marks of Maths
40
Enter marks of Science
0
Student: Total Marks = 130
Percentage = 43
Class: Second Class

dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)
$ |
```

 MINGW64:/c/Users/dell/Desktop/OS_CD24035

dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)

```
$ cho "1. Calendar of current month"
```

```
echo "2. Today's date and time"
```

```
echo "3. Logged in users"
```

```
echo "4. Terminal number"
```

```
echo "Enter your choice"
```

```
read ch
```

```
if [ $ch -eq 1 ]; then
```

```
    date +"%B %Y"
```

```
elif [ $ch -eq 2 ]; then
```

```
    date
```

```
elif [ $ch -eq 3 ]; then
```

```
    who
```

```
elif [ $ch -eq 4 ]; then
```

```
    tty
```

```
else
```

```
    echo "Invalid choice"
```

```
fi
```

```
bash: cho: command not found
```

```
2. Today's date and time
```

```
3. Logged in users
```

```
4. Terminal number
```

```
Enter your choice
```

```
2
```

```
Fri Jan 30 19:44:27 IST 2026
```

MINGW64:/c/Users/dell/Desktop/OS_CD24035

dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)
\$ #!/bin/bash

```
echo "Enter the value of n"
read n
```

```
count=0
num=2
```

```
echo "First $n prime numbers are:"
```

```
while [ $count -lt $n ]
do
    flag=0

    for (( i=2; i<=num/2; i++ ))
    do
        if [ $(num % i) -eq 0 ]; then
            flag=1
            break
        fi
    done

    if [ $flag -eq 0 ]; then
        echo -n "$num "
        count=$((count + 1))
    fi

    num=$((num + 1))
done
```

```
echo
Enter the value of n
8
First 8 prime numbers are:
2 3 5 7 11 13 17 19
```

 MINGW64:/c/Users/dell/Desktop/OS_CD24035

dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)

\$ #!/bin/bash

echo "Enter how many Fibonacci numbers you want"

read n

a=1

b=1

echo "Fibonacci Series:"

if ["\$n" -ge 1]; then

printf "%d " "\$a"

fi

if ["\$n" -ge 2]; then

printf "%d " "\$b"

fi

for ((i=3; i<=n; i++))

do

c=\$((a + b))

printf "%d " "\$c"

a=\$b

b=\$c

done

echo

Enter how many Fibonacci numbers you want

7

Fibonacci Series:

1 1 2 3 5 8 13

 MINGW64:/c/Users/dell/Desktop/OS_CD24035

dell@Leena MINGW64 ~/Desktop/OS_CD24035 (master)

\$ #!/bin/bash

```
echo "1) Create File"
echo "2) Write Content"
echo "3) Append Content"
echo "4) Delete File Content"
echo "Enter choice:"
read ch
```

```
echo "Enter file name:"
read fname
```

```
case $ch in
```

```
1)
```

```
    touch $fname
    echo "File created"
    ;;
```

```
2)
```

```
    echo "Enter content (Ctrl+D to save):"
    cat > $fname
    ;;
```

```
3)
```

```
    echo "Enter content to append (Ctrl+D to save):"
    cat >> $fname
    ;;
```

```
4)
```

```
    > $fname
    echo "File content deleted"
    ;;
```

```
*)
```

```
    echo "Invalid choice"
    ;;
```

```
esac
```

```
1) Create File
2) Write Content
3) Append Content
4) Delete File Content
```

Enter choice:

1

Enter file name:

CD24035.txt

File created