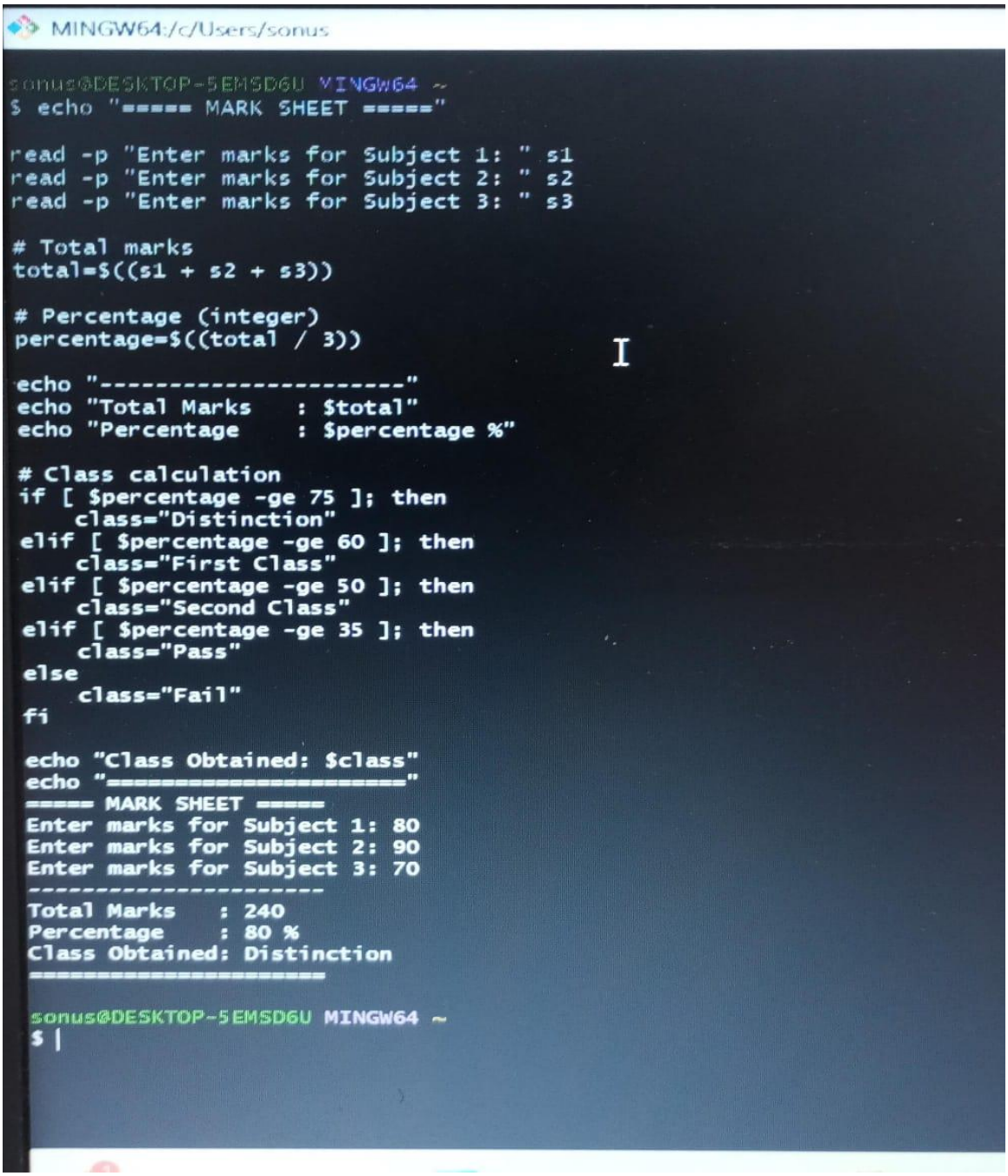
PracticalNo : 2

1. Write a shell script to generate mark- sheet of a student. Take 3 subjects, calculate and display total marks, percentage and Class obtained by the student.



2. Write a menu driven shell script which will print the following menu and execute the given task.

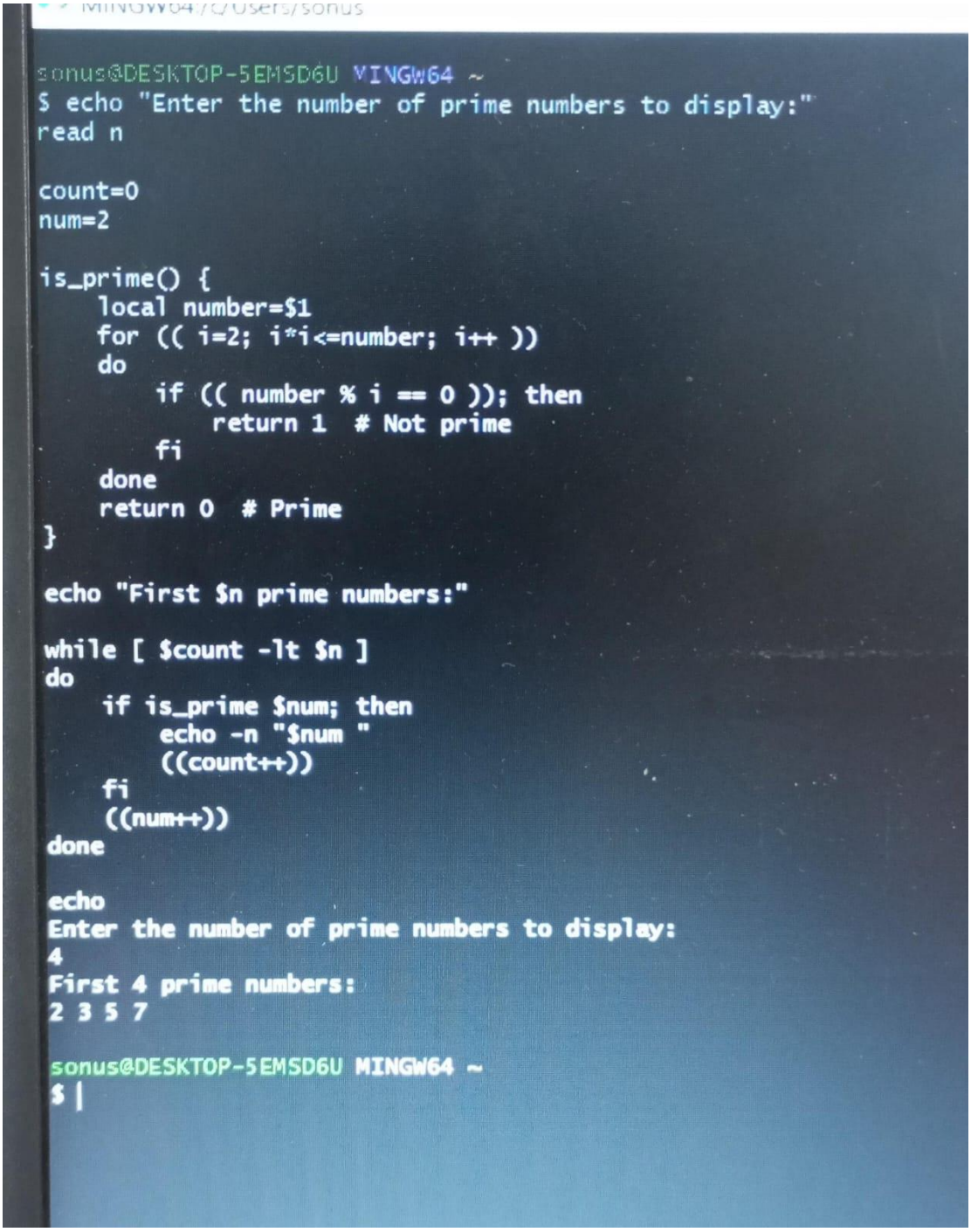
I. Display calendar of current month
II. Display today's date and time
III. Display usernames those are currently logged in the system
IV. Display your terminal number

```
sonus@DESKTOP-5EMSD6U VINGW64 ~
$ echo "1. Display calendar of current month"
echo "2. Display today's date and time"
echo "3. Display usernames currently logged in"
echo "4. Display your terminal number"

echo "Enter your choice:"
read ch

if [ $ch -eq 1 ]; then
    cal
elif [ $ch -eq 2 ]; then
    date
elif [ $ch -eq 3 ]; then
    users
elif [ $ch -eq 4 ]; then
    tty
else
    echo "Invalid choice"
fi
1. Display calendar of current month
2. Display today's date and time
3. Display usernames currently logged in
4. Display your terminal number
Enter your choice:
2
Mon Jan 26 10:18:40 IST 2026

sonus@DESKTOP-5EMSD6U MINGW64 ~
$
```

3. Write a shell script which will generate first n fibonnacci numbers like: 1, 1, 2, 3, 5, 13

```
sonus@DESKTOP-5EMSD6U VINGW64 ~
$ echo "Enter the value of n:"
read n

a=1
b=1

echo "Fibonacci series:"
echo -n "$a $b "

for (( i=3; i<=n; i++ ))
do
    c=$((a + b))
    echo -n "$c "
    a=$b
    b=$c
done

echo

Enter the value of n:
4
Fibonacci series:
1 1 2 3

sonus@DESKTOP-5EMSD6U MINGW64 ~
$
```

4. Write a shell script which will accept a number b and display first n prime numbers as output



5. Write menu driven program for file handling activity

I. Creation of file
II. Write content in the file
III. Upend file content
IV. Delete file content