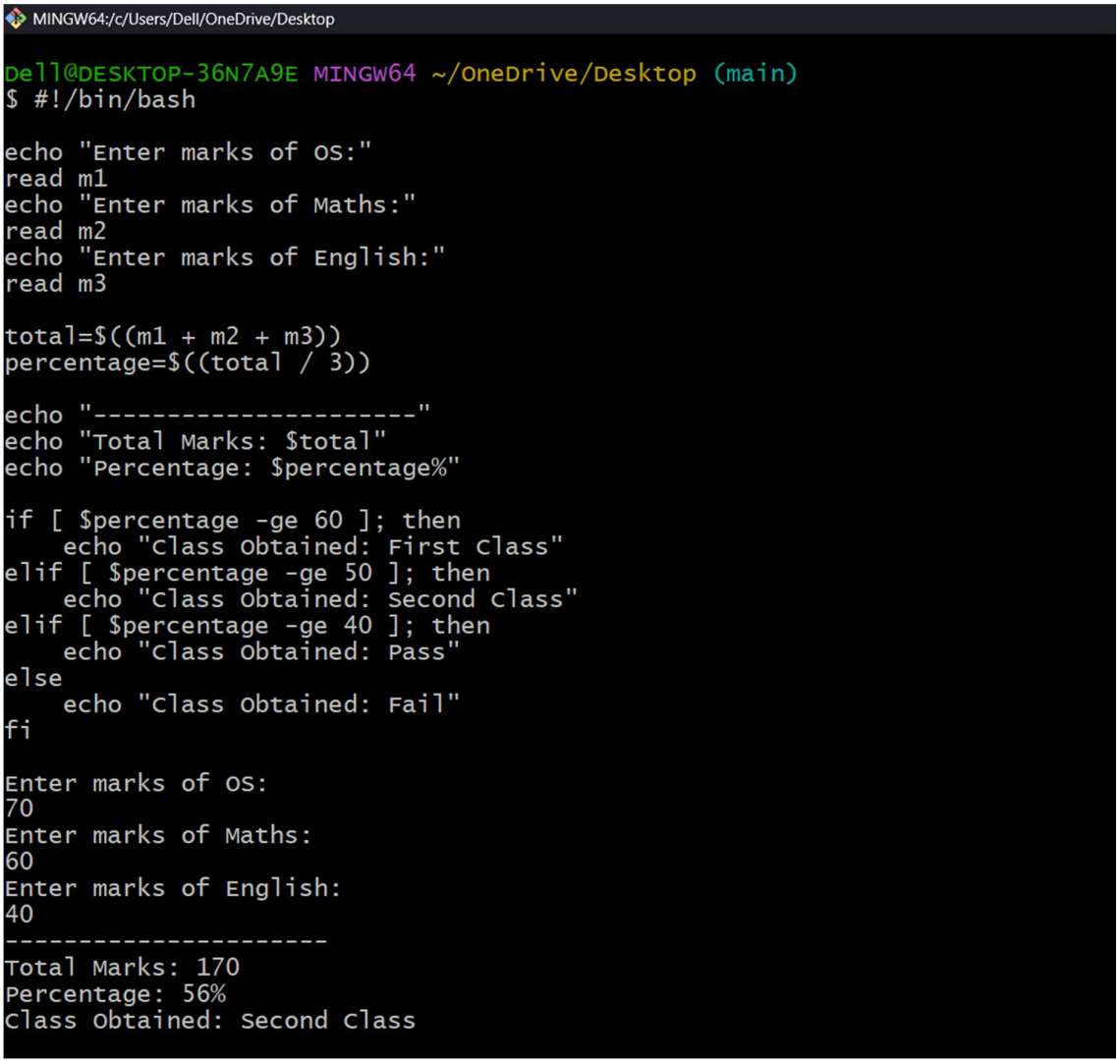
Practical 2

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

   1) Display calendar of current month.

```
Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
date +"%B %Y"

January 2026

Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$
```

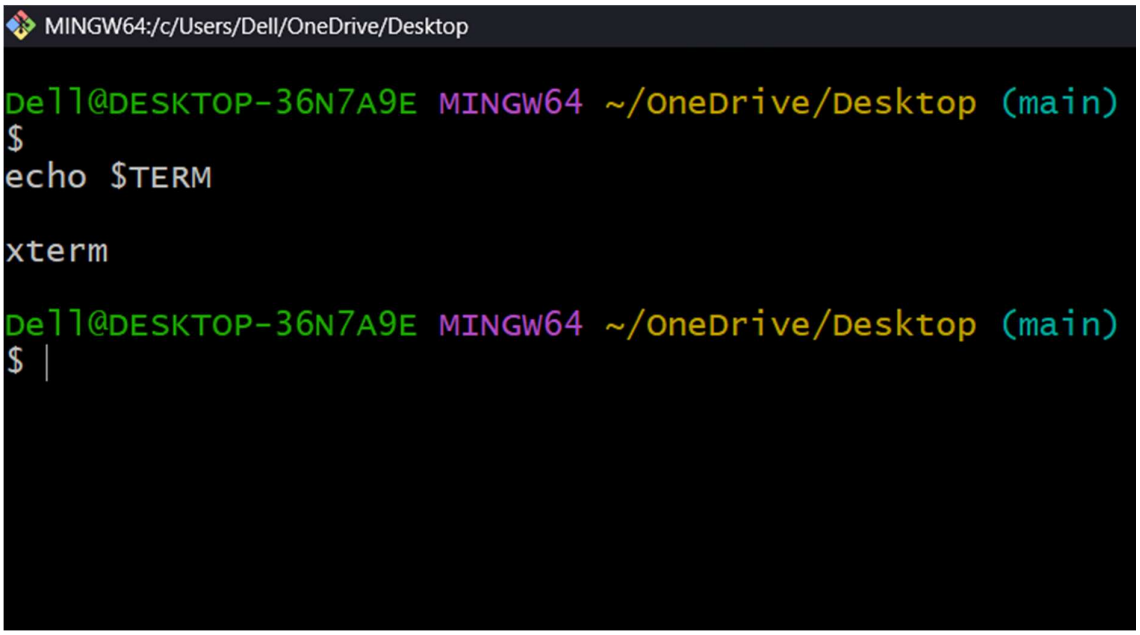
   2) Display today's date and time.

```
MINGW64:/c/Users/Dell/OneDrive/Desktop

Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$ date
Fri Jan 23 19:46:52 IST 2026

Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$
```

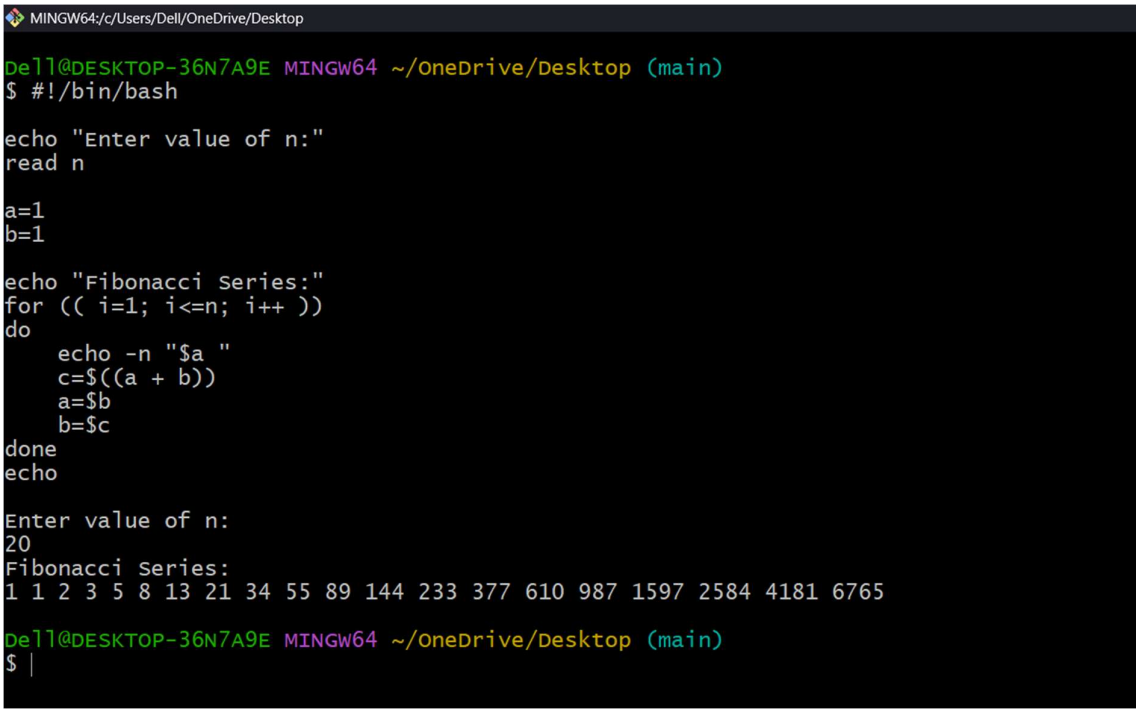
   3) Display usernames those are currently logged in the system.

```
Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$
whoami

Dell

Dell@DESKTOP-36N7A9E MINGW64 ~/OneDrive/Desktop (main)
$
```

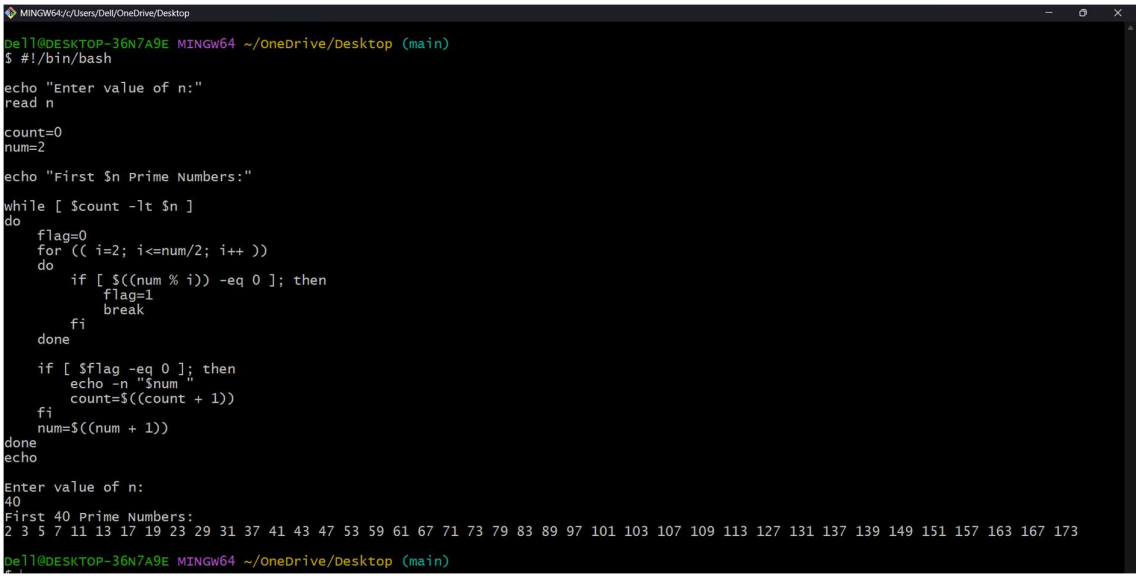
4) Display your terminal number.



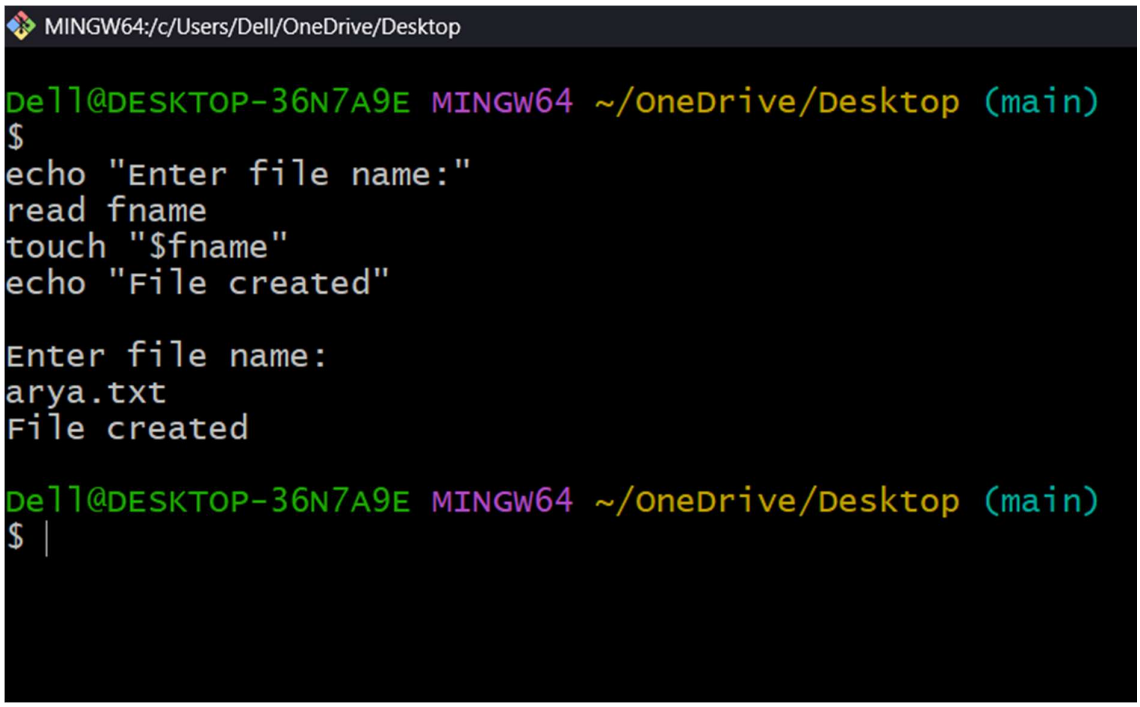
3. Aim: Write a shell script which will generate first n Fibonacci numbers like: 1, 1, 2, 3, 5 ,13



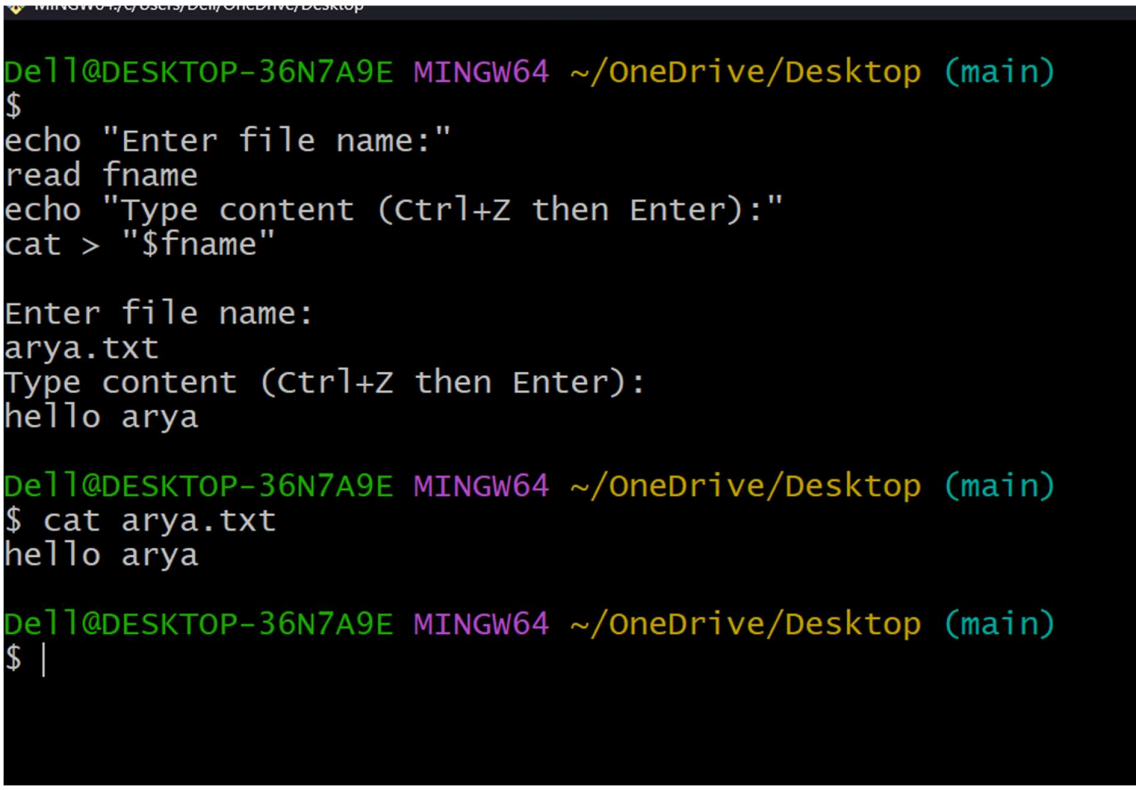
4. Write a shell script which will accept a number b and display first n prime numbers as output.



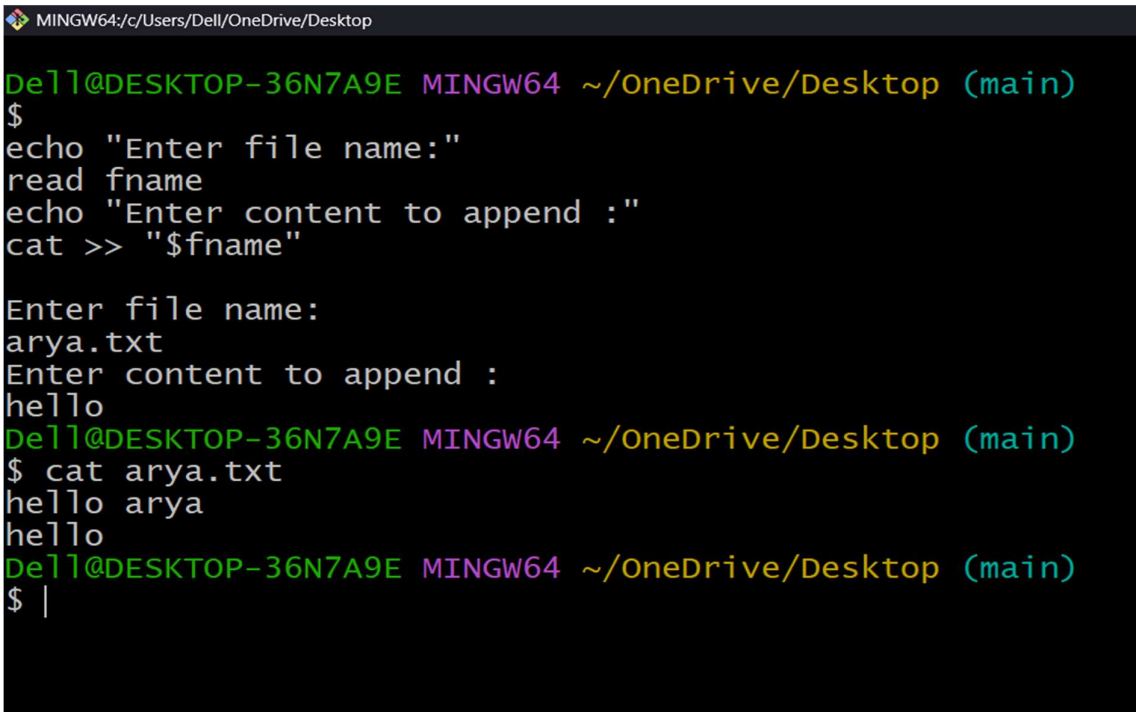
5. Aim: Write menu driven program for file handling activity.
    1) Creation of file.



2) Write content in the file.



3) Append file content.



4) Delete file content.