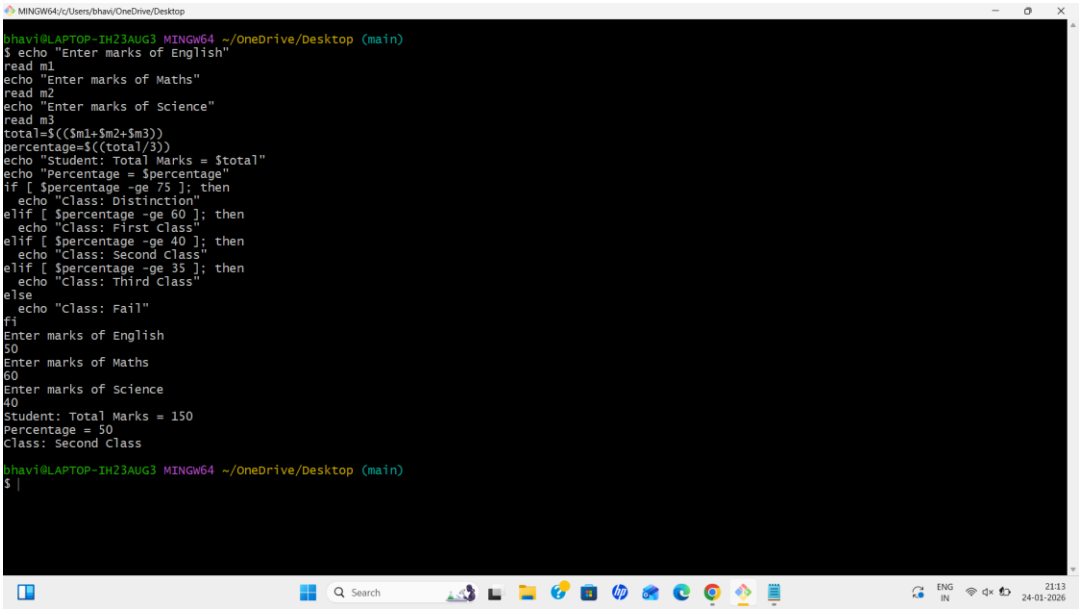
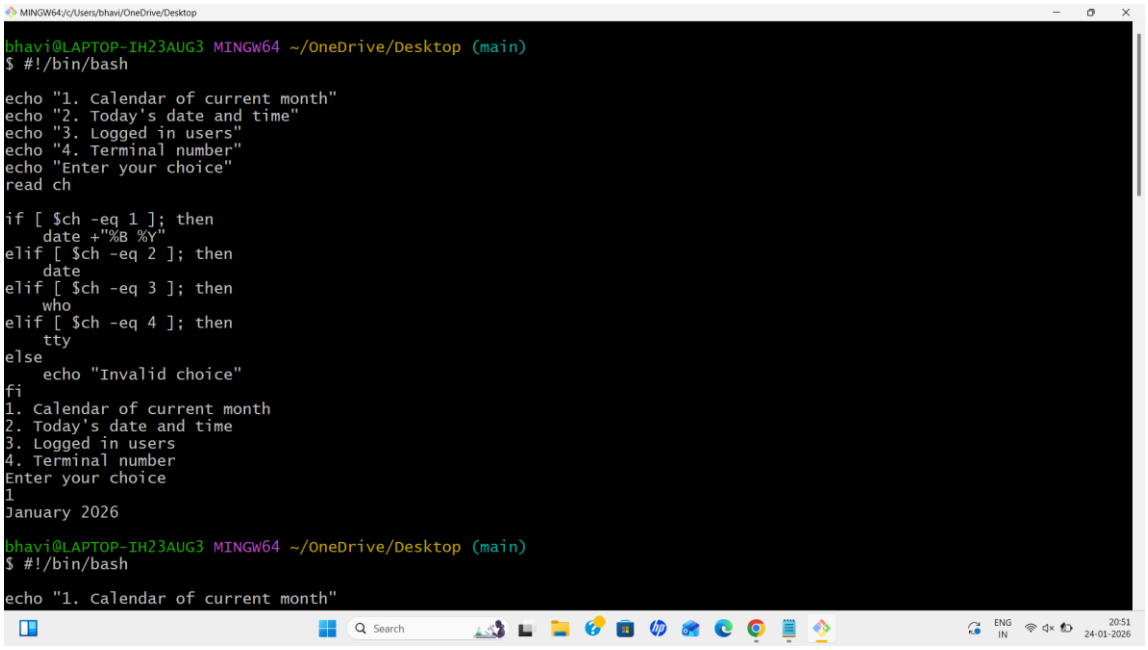
PracticalNo : 2

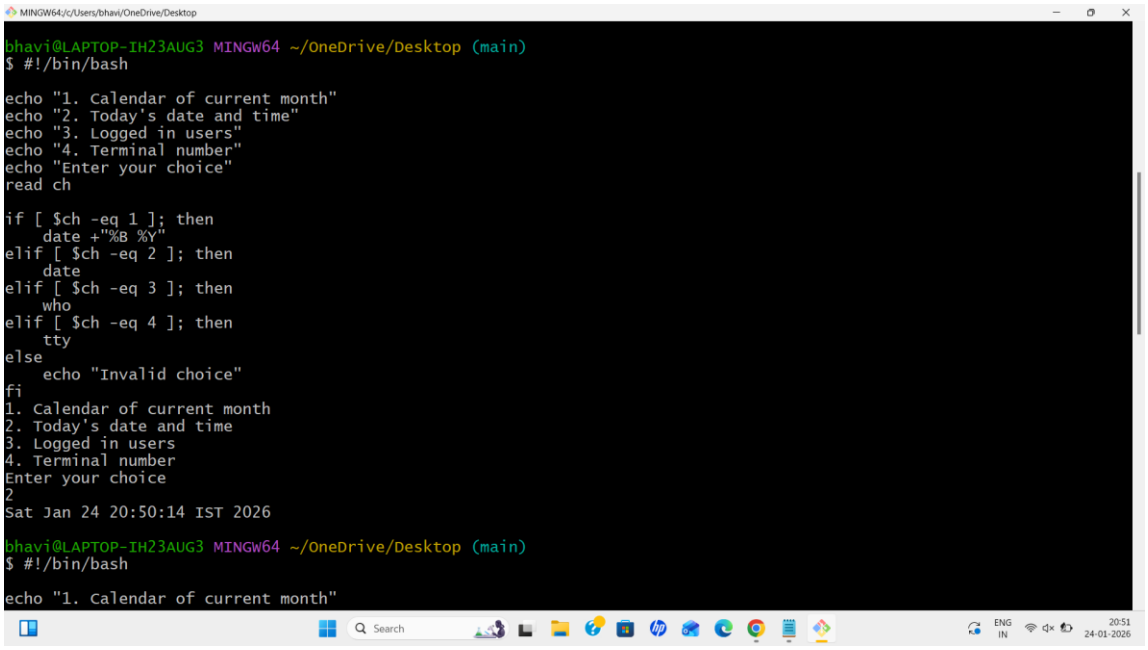
1. Write a shell script to generate mark- sheet of a student. Take 3 subjects, calculate and display total marks, percentage and Class obtained by the student.

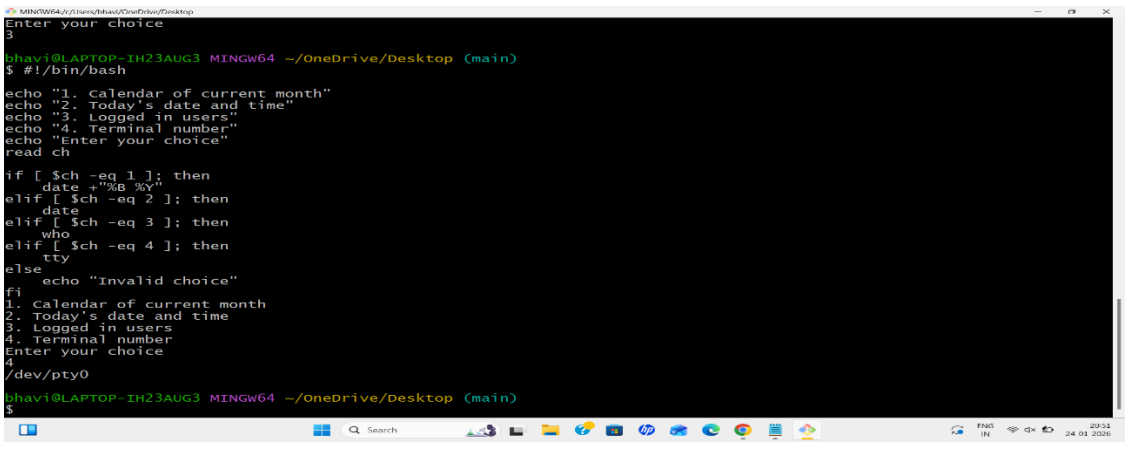


2. Write a menu driven shell script which will print the following menu and execute the given task.

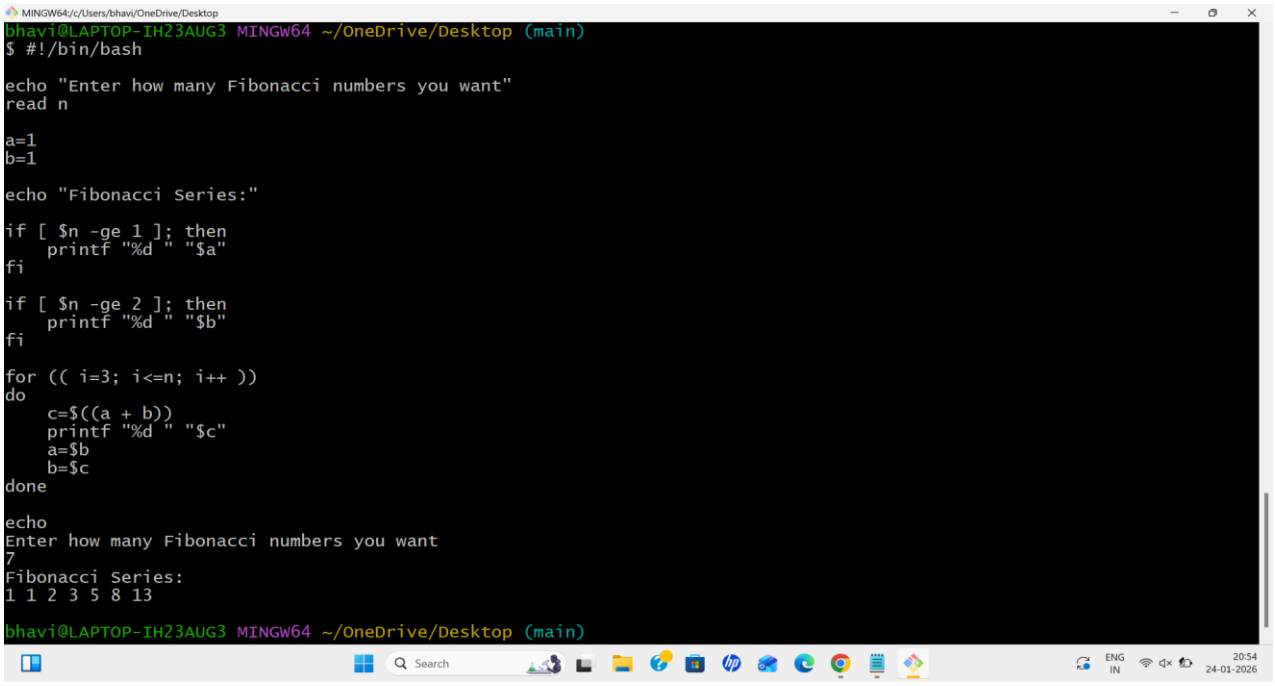
I. Display calendar of current month
II. Display today's date and time
III. Display usernames those are currently logged in the system
IV. Display your terminal number


MINGW64:/c/Users/bhavi/OneDrive/Desktop
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
echo "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
1. Calendar of current month
2. Today's date and time
3. Logged in users
4. Terminal number
Enter your choice
1
January 2026
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
echo "1. Calendar of current month"

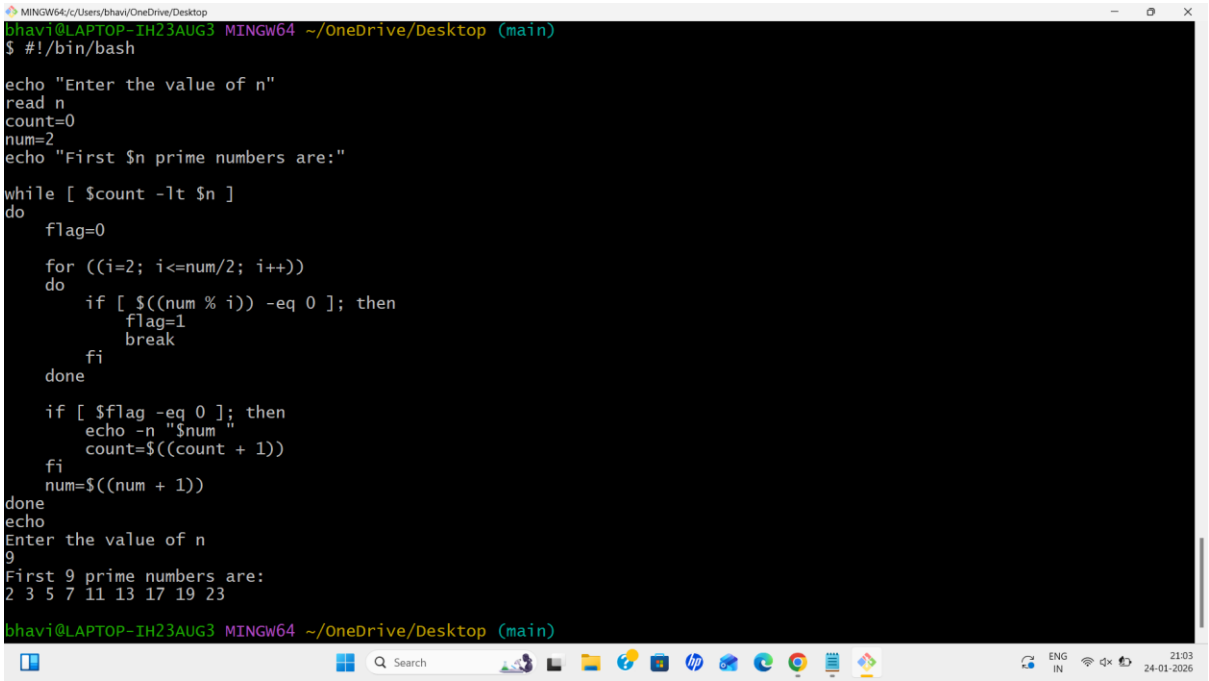

MINGW64:/c/Users/bhavi/OneDrive/Desktop
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
echo "1. Calendar of current month"
echo "2. Today's date and time"
echo "3. Logged in users"
echo "4. Terminal number"
echo "Enter your choice"
read ch
if [$ch -eq 1]; then
date +"%B %Y"
elif [$ch -eq 2]; then
date
elif [$ch -eq 3]; then
who
elif [$ch -eq 4]; then
tty
else
echo "Invalid choice"
fi
1. Calendar of current month
2. Today's date and time
3. Logged in users
4. Terminal number
Enter your choice
2
Sat Jan 24 20:50:14 IST 2026
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
echo "1. Calendar of current month"


Enter your choice
3
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$ #!/bin/bash
echo "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
1. Calendar of current month
2. Today's date and time
3. Logged in users
4. Terminal number
Enter your choice
4
/dev/pty0
bhavi@LAPTOP-IH23AUG3 MINGW64 ~/OneDrive/Desktop (main)
$

3. Write a shell script which will generate first n fibonnacci 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. 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