```
percentage=$(echo "scale=2; $total / 3" | bc)

# Determine class
if [ "$percentage" -ge 75 ]; then
    class="Distinction"
elif [ "$percentage" -ge 60 ]; then
    class="First Class"
echo "------------------------------"
------ STUDENT MARK SHEET ------
Enter Student Name: Aakshay
Enter Roll Number: 1
Enter marks for Subject 1: 45
Enter marks for Subject 2: 54
Enter marks for Subject 3: 64
bash: [: 54.33: integer expression expected
bash: [: 54.33: integer expression expected
bash: [: 54.33: integer expression expected
bash: [: 54.33: integer expression expected

--------- MARK SHEET ----------
Name         : Aakshay
Roll No      : 1
Subject 1    : 45
Subject 2    : 54
Subject 3    : 64
-----------------------------
Total Marks  : 163 / 300
Percentage   : 54.33 %
Class        : Fail
-----------------------------
student@student-BY-OEM:~$ echo "------------------------------"
```

```
# Determine class
if [ "$percentage" -ge 75 ]; then
    class="Distinction"
elif [ "$percentage" -ge 60 ]; then
    class="First Class"
echo "--------------------------------"
------ STUDENT MARK SHEET ------
Enter Student Name: Aakshay
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Enter marks for Subject 1: 45
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--------- MARK SHEET ----------
Name         : Aakshay
Roll No      : 1
Subject 1    : 45
Subject 2    : 54
Subject 3    : 64
--------------------------------
Total Marks  : 163 / 300
Percentage   : 54.33 %
Class        : Fail
--------------------------------
student@student-BY-OEM:~$ echo "--------------------------------"
```

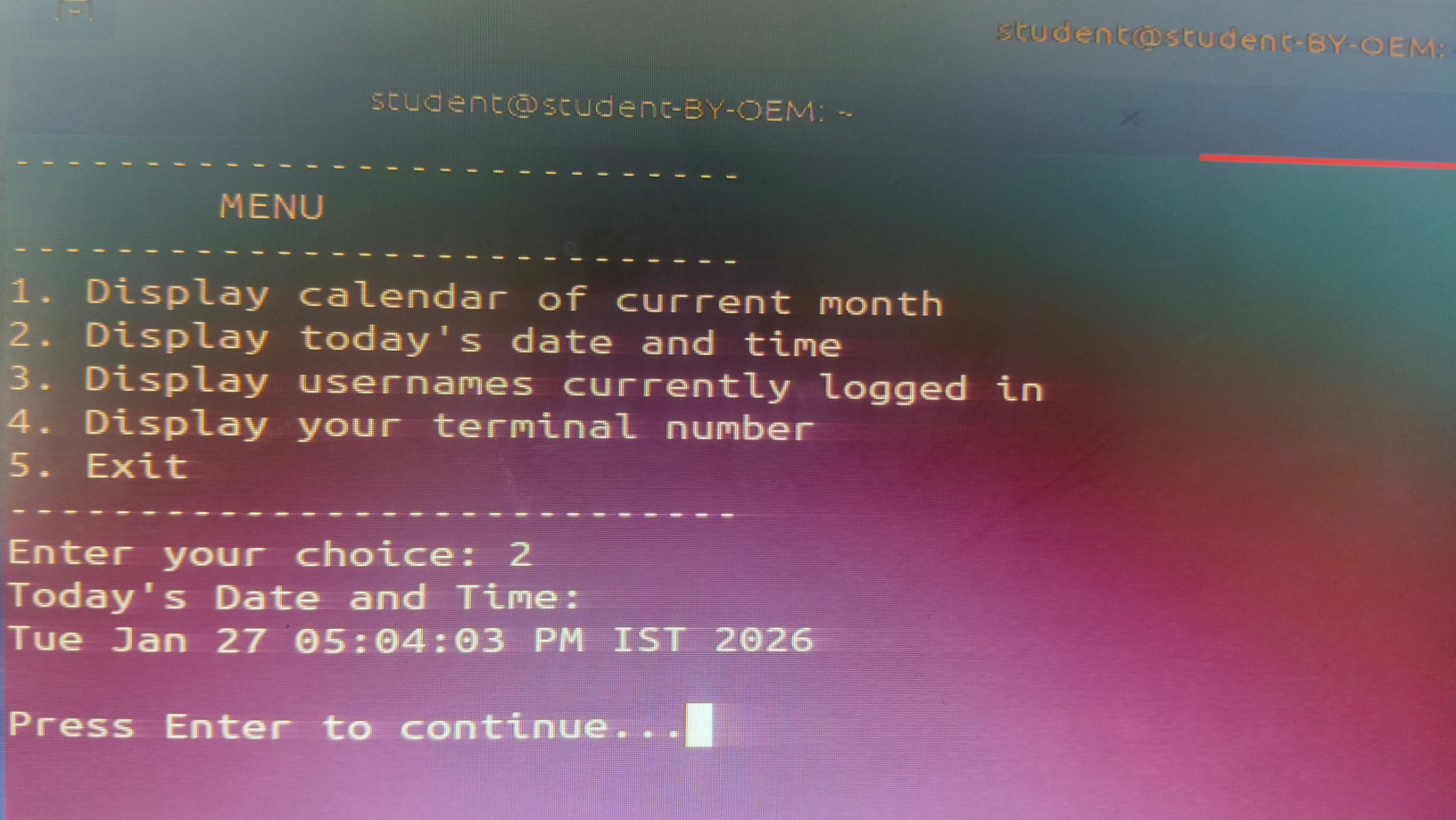
student@student-BY-OEM:
student@student-BY-OEM: ~
MENU
1. Display calendar of current month
2. Display today's date and time
3. Display usernames currently logged in
4. Display your terminal number
5. Exit
Enter your choice: 2
Today's Date and Time:
Tue Jan 27 05:04:03 PM IST 2026
Press Enter to continue...

```
if [ "$n" -ge 1 ]; then
    echo -n "$a "
fi

if [ "$n" -ge 2 ]; then
    echo -n "$b "
fi

count=3

while [ "$count" -le "$n" ]
do
    c=$((a + b))
    echo -n "$c "
    a=$b
    b=$c
    count=$((count + 1))
done
echo ""
----- Fibonacci Series Generator -----
Enter how many terms: 6
Fibonacci Series:
1 1 2 3 5 8
student@student-BY-OEM:~$
```

```
if [ "$n" -ge 1 ]; then
    echo -n "$a "
fi

if [ "$n" -ge 2 ]; then
    echo -n "$b "
fi

count=3

while [ "$count" -le "$n" ]
do
    c=$((a + b))
    echo -n "$c "
    a=$b
    b=$c
    count=$((count + 1))
echo ""
----- Fibonacci Series Generator -----
Enter how many terms: 6
Fibonacci Series:
1 1 2 3 5 8
student@student-BY-OEM:~$
```

```
    i=2
    while [ $i -le $((num / 2)) ]
    do
        if [ $((num % i)) -eq 0 ]; then
            is_prime=0
            break
        fi
        i=$((i + 1))
    done

    if [ $is_prime -eq 1 ]; then
        echo -n "$num "
        count=$((count + 1))
echo ""=$((num + 1))
----- First N Prime Numbers -----
Enter how many prime numbers to display: 5
First 5 prime numbers are:
2 3 5 7 11
student@student-BY-OEM:~$
```