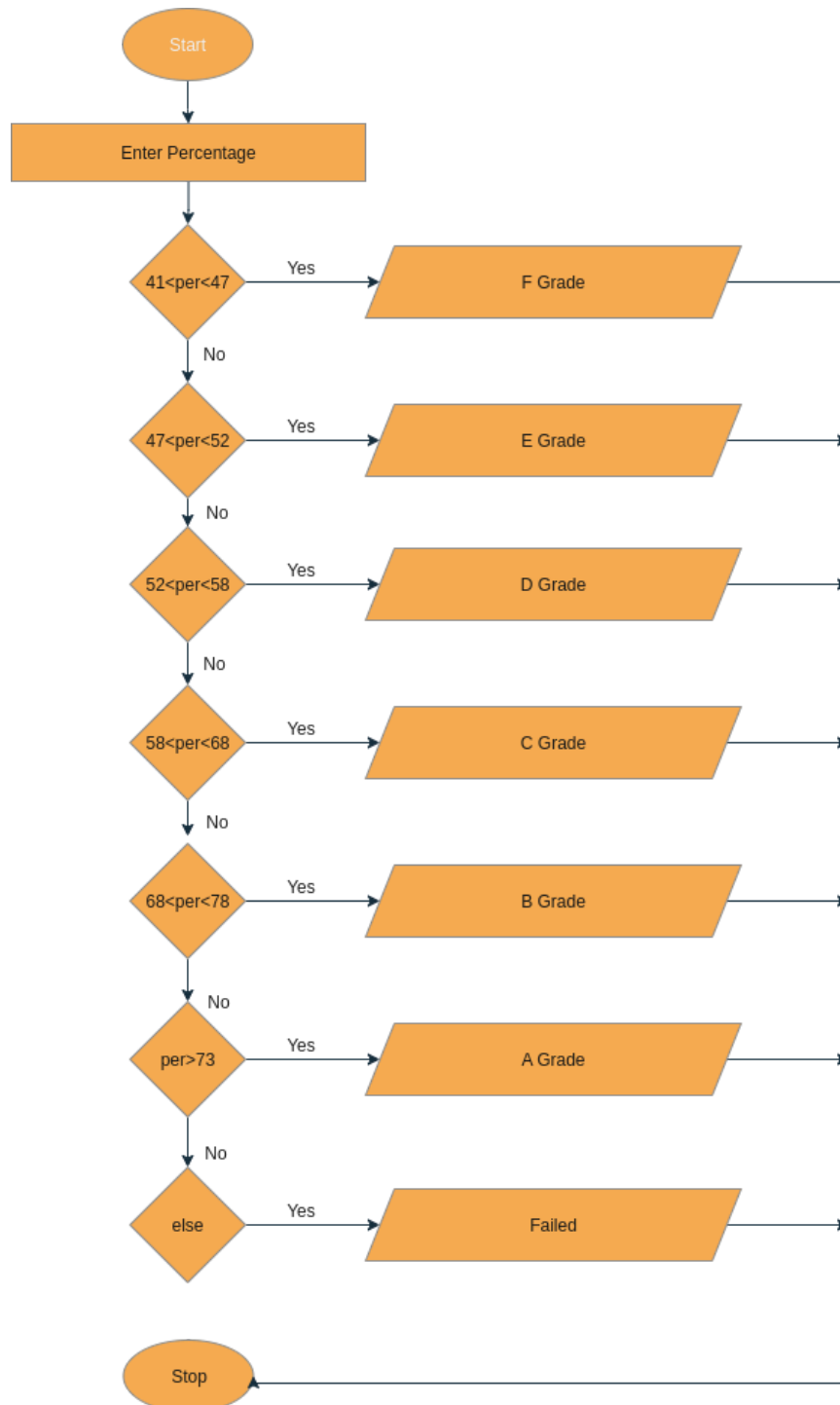


Assignment # 01

Task#01:

Flowchart:



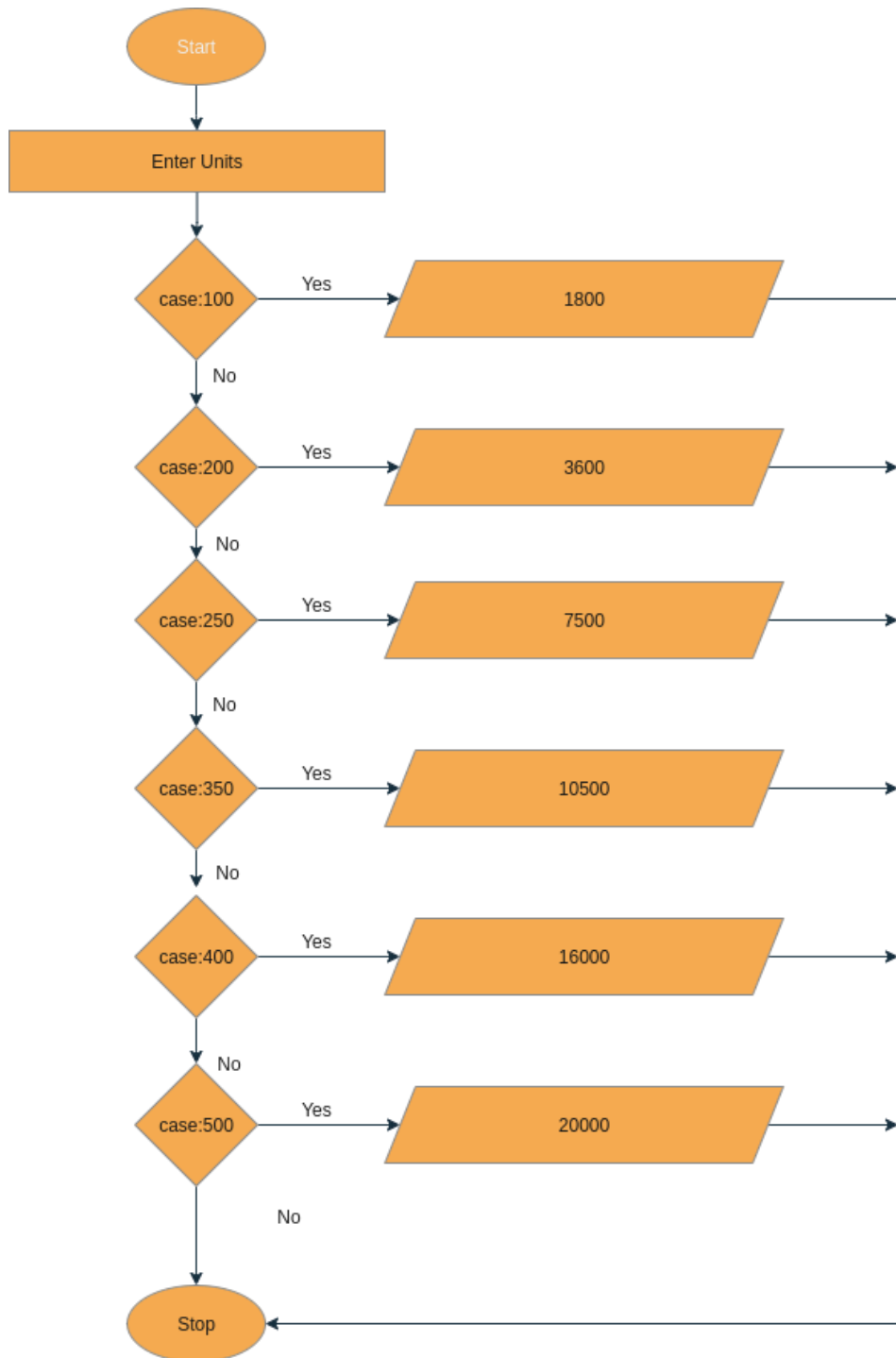
Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  TEROSHDL: LC
```

- [cc@ncdc-0053 week 1]\$ gcc ass1_task1.c -o ass1_task1
- [cc@ncdc-0053 week 1]\$./ass1_task1
Enter the grades of student:
64
The student got C grade
- [cc@ncdc-0053 week 1]\$./ass1_task1
Enter the grades of student:
85
The student got A grade
- [cc@ncdc-0053 week 1]\$ █

Task#02:

Flowchart:



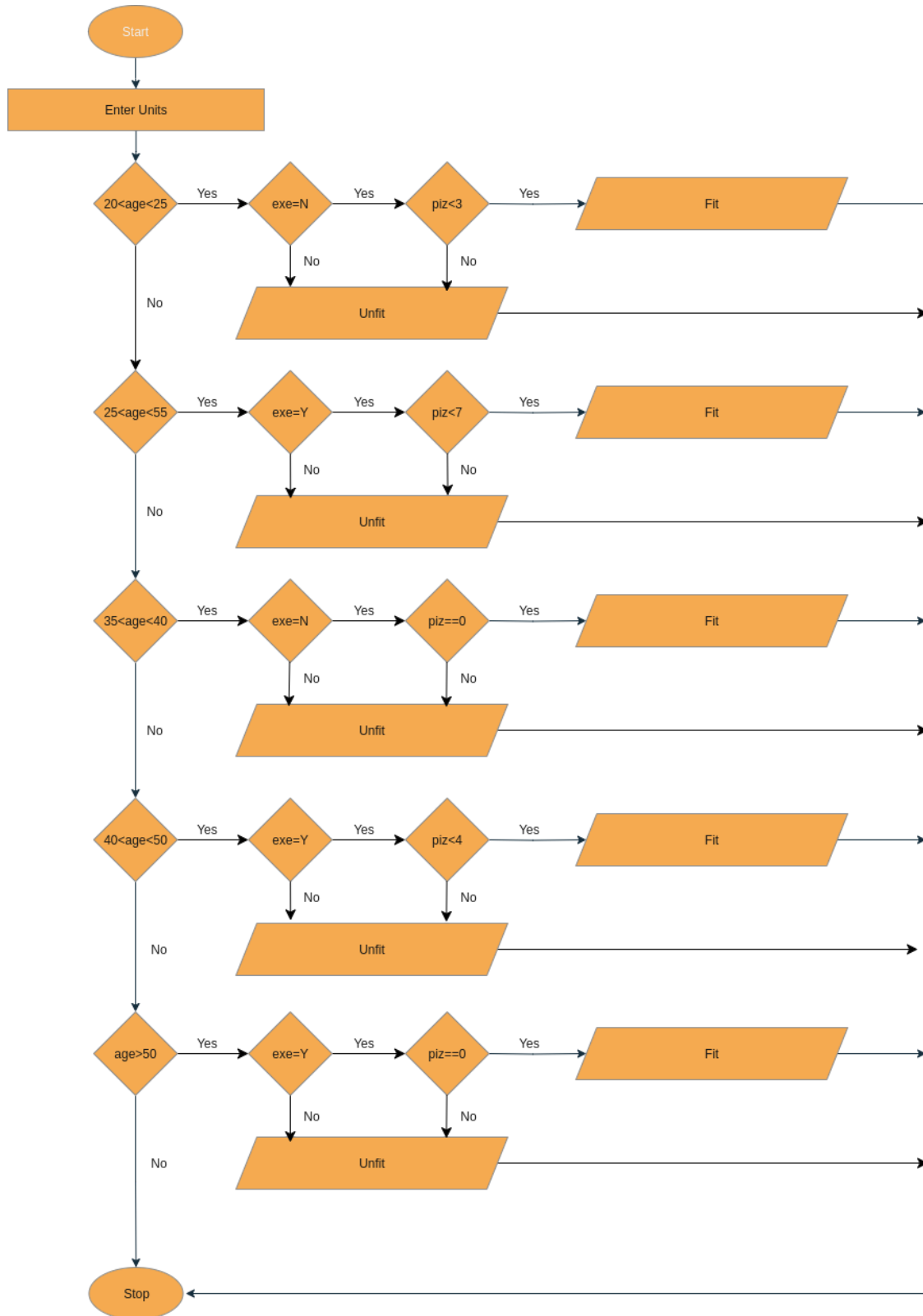
Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  TEROSHDL: LO
```

- [cc@ncdc-0053 week 1]\$ gcc ass1_task2.c -o ass1_task2
- [cc@ncdc-0053 week 1]\$./ass1_task2
Enter the number of units consumed:
250
you are charged by 7500 Rs.
- [cc@ncdc-0053 week 1]\$./ass1_task2
Enter the number of units consumed:
400
you are charged by 16000 Rs.
- [cc@ncdc-0053 week 1]\$ █

Task#03:

Flowchart:



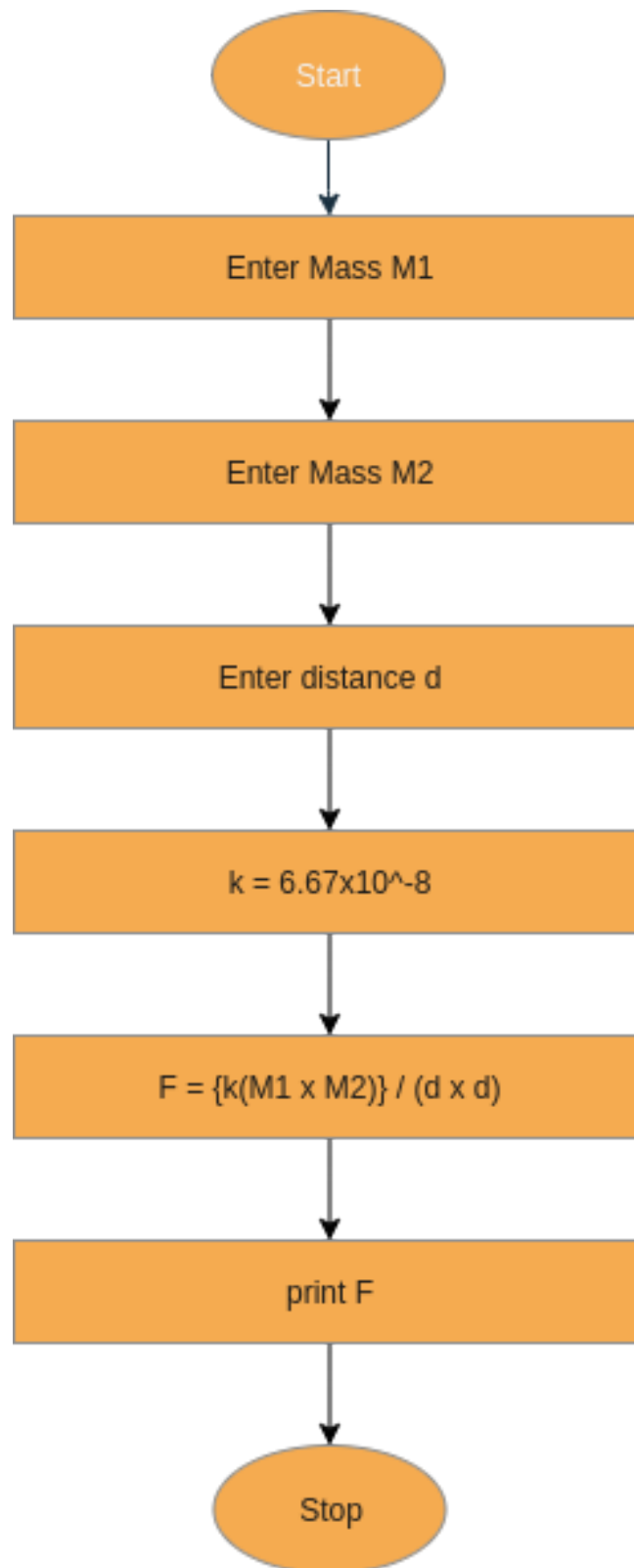
Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  TERSHDI
```

```
• [cc@ncdc-0053 week 1]$ gcc ass1_task3.c -o ass1_task3
• [cc@ncdc-0053 week 1]$ ./ass1_task3
Enter your age:
25
Enter your pizza intake per week:
3
Do you exercise daily:
For Yes Press 'Y'
For No Press 'N'
y
You are fit.
○ [cc@ncdc-0053 week 1]$
```

Task#04:

Flowchart:



Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  TEROSHDL: LOG

• [cc@ncdc-0053 week 1]$ gcc ass1_task4.c -o ass1_task4
• [cc@ncdc-0053 week 1]$ ./ass1_task4
Enter mass M1:
23
Enter mass M2:
32
Enter distance d:
45
○ The Force  $F = 0.000000024242567$  [cc@ncdc-0053 week 1]$
```