

## Exam1\_A3-2: Mobile package billing

**Objective:** Selection (if -else), Expressions

Using the given flowchart, your task is to implement a program to compute the total bill for the customer based on mobile plan and usage

### Input

A single line containing three values separated by space

A - duration of the plan (10/15/30)

B – total data used (in GB)

C – total voice calls used (in seconds)

**Hint :** To get the values, use the code below

```
x = input().split()
```

```
A, B, C = int(x[0]), float(x[1]), int(x[2])
```

### Output

Print one line ; either the total bill or Invalid plan

Example		
Input(from keyboard)	Output(on screen)	Explanation
10 40 15000	499	Valid 10-day plan, usage within free limits.
15 70 18676	1460	Valid 15-day plan, extra data and extra calls used
30 101.5 25000	1449	Valid 30-day plan, extra data and extra calls used
30 80 19999	1199	Valid 30-day plan, usage within free limits
15 60 16789	699	Valid 15-day plan, usage within free limits
30 100 33456	1510	Valid 30-day plan, no extra data and with extra calls used
15 80 17756	2199	Valid 15-day plan, with extra data and no extra calls
10 43.7 23256	4812	Valid 10-day plan, extra data and extra calls used
45 29 12345	InvalidPlan	Invalid plan (not 10, 15, or 30)

### Test Cases in Grader

Testcases will be grouped. Each group has the following criteria:

Testcases quantity	Testcase characteristics
10%	Invalid plan
20%	Valid plan within free limits
20%	Valid plan with extra data and no extra calls used
25%	Valid plan with no extra data and with extra call used
25%	Valid plan with extra data and with extra calls used

