Assignment # 1

Objectives:

1. To understand basic problem solving techniques using Java Programming Language.
2. To declare Java primitive data types. Also to obtain input and display output.
3. To be able to use arithmetic and use different control structures (Decision making and Loops).

Specification

Submission: through ITC – Meta Course.

What to submit: Your own **well-structured** and **well-commented** JAVA code (.java)

Deadline: Friday **14/4/2022** by 12:00am (midnight).

Task: Space Weight

Write a java program to calculate your space weight according to the following table:

#	Planet	Relative gravity
1	Venus	0.78
2	Mars	0.39
3	Jupiter	2.65
4	Saturn	1.17
5	Uranus	1.05
6	Neptune	1.23

The following is a sample program run:

```
Please enter your current earth weight: 128

I have information for the following planets:
    1. Venus    2. Mars     3. Jupiter
    4. Saturn   5. Uranus   6. Neptune

Which planet are you visiting? 2

Your weight would be 49.92 pounds on that planet.
```

Good Luck!