

## Prac 4

### 4.1 Positive or Negative

Write a program that plays a game with the user. The user enters any number and the program determines whether it is a positive number or negative number. The game is played until the user enters a zero (0). Make use of the *While* loop.

**Output example:**

```
-
This game allows you to enter any number, Enter 0 to exit the game.
Enter any Number: 45
The number you Entered a positive number
This game allows you to enter any number, Enter 0 to exit the game.
Enter any Number: 6
The number you Entered a positive number
This game allows you to enter any number, Enter 0 to exit the game.
Enter any Number: -3
The number you Entered a negative number
This game allows you to enter any number, Enter 0 to exit the game.
Enter any Number: 0
>>> |
```

Submit your Python file(\*.py) here on eFundi, under this assignment, and make sure you attach and submit your file successfully. Save file as *StudentNumber\_Prac4-1.py*

### 4.2 Total

Write a program that receives a range of real values as input and calculate the sum of all the values. The program must continue to ask values (use a While loop) as long as the user inputs positive values. Once a negative value is read, stop the program and show the sum of all the values. The output of your program should be exactly the same as the example output.

**Output example:**

```
Enter value number 1 :1
Enter value number 2 :5
Enter value number 3 :8
Enter value number 4 :5.5
Enter value number 5 :6
Enter value number 6 :-2
The sum of values = 25.5
>>> |
```

Submit your Python file(\*.py) here on eFundi, under this assignment, and make sure you attach and submit your file successfully. Save file as *StudentNumber\_Prac4-2.py*

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Question	Item	Marks
Prac4.1	Receive user input While statement Print positive or negative	3
	Use Comments	1
Prac4.2	Correct Variable Conversions	1
	Receive user input Initialize	2
	Calculate total Print total	2
	Good Readable Code	1
	<b>TOTAL</b>	<b>10</b>