CYSE-250-Basic Cybersecurity Programming and Networking Assignment-week-8

Total: 50 points

Question-1 [**10 points**]: What does "**while True**" mean in python programming?

Question-2 [**5 points**] (Research Question): What is **range()** in python? Explain with examples.

Question-3 [**5 points**]: What is **Pyfiglet** module in python? [<mark>NOTE:</mark> **You may use internet / online resources to research this question**]

Question-4 [**20 points**]: Write a python program to take any text or string input value (using input()) for a variable, for example "**user_answer**".

- If the entered input value for the variable user_answer is any text other than "Exit", then it should print some greeting message of your choice.
- Continue the above steps using loop until the user types "exit" as input value for the variable user_answer.

[**HINT:** You may refer to **slide#34** in **Loops in Python (updated).pdf**, in canvas Module]

Question-5 [10 points] Using Write the following code in python editor and explain each line (using comments) as well as the output of the function.

```python
def sum_two_numbers(a, b):
        return a + b
result = sum_two_numbers(5, 6)
print(result)
```

 (Please submit the screenshot for your script and its output)

<mark>Extra credit question [10 points]:</mark>

Execute the following program in python editor and submit the screenshot of the output

```python
import pyfiglet

banner = pyfiglet.figlet_format("Type Your Name Here")
print(banner)
```

<mark>NOTE:</mark> **If you see the message like "<u>No module named 'pyfiglet'</u> ", then you may follow <u>this video</u> to learn about how to install any package or library in PyCharm.**