**Assignment 6: C++ Functions [100 Marks]**

1. What is function? Different between user-defined function and default function. [25]
2. Create a function to get the name from the user and display its length count. (Function) [25]
3. Write following menu programs using user – defined functions [50 marks]

Menu

1. Circumference of a Circle

2. Area of cross-section of a hemisphere

3. Surface area of a sphere

4. Volume of a sphere

5. Exit from program

Hint: Use switch to go to the menu, and then use function to each calculation.

*Note:*

*Total Marks = 100*

*Deadline: September 21, 2021*

*Create a document and paste the screenshot with proper numbering with the appropriate questions for number 2 and 3.*

*Write and scan for question 1.*