



Department of Computer Science

Quiz 3 A

Student Name:

Student ID:

Write a full program in C language using functions to calculate the following tasks, each task should be represented in a separate function as mentioned below.

- 1) Start at the main method, when the program runs it should show the text "Choose shape to calculate the area". The user enter one of 4 value , each value represent single shape (" C for Circle , S for Square, T for Triangle, R for Rectangle ")
- 2) The program should print the choice of the user and the area of the shape.
- 3) Each function should be named as the shape type and called in the main.
- 4) Try to name the variables with meaning .
- 5) The Circle area is : πr^2 , Triangle : $\frac{1}{2} BH$, where B is base and H is height.
- 6) Only the Square function return value (float), for the other functions use (void).

Note : Don't forget to write a prototype of functions.

Good Luck



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