

OBJECT ORIENTED PROGRAMMING WITH JAVA – COMP 256

ASSIGNMENT FOR A, B, C, D

Instructions:

1. The program should be built using the NetBeans IDE.
2. All assignments will be submitted next week on individual laptops during the 1hour classes.
3. Make use of the Scanner class and use appropriate data types

QUESTION 1

Write a program that calculates and display the area and perimeter of a circle where the user has to input the radius.

QUESTION 2

Write a program to calculate and display the area and perimeter of a rectangle where the user has to enter the width and height.

QUESTION 3

Write a program to calculate and displays the area of a triangle where the user has to enter the dimensions.

QUESTION 4

The U.S. Census Bureau projects population based on the following assumptions:

- One birth every 7 seconds
- One death every 13 seconds
- One new immigrant every 45 seconds

Write a program to display the population for each of the next five years. Assume the current population is 312,032,486 and one year has 365 days.