ASSIGNMENT -5 (BASICS OF C PROGRAMMING)

Basic instructions:

1. Check every line of your program for semicolon (;)
2. Check printf for format specifier %d for integer numbers
3. Check scanf for %d and & sign before variable name
4. Aman’s basic salary is input through the keyboard. His dearness allowance is 50% of basic salary, and house rent allowance is 20% of basic salary. Write a program to calculate his gross (total) salary. Print the salary on screen.
5. The length and breadth of a rectangle is input through the keyboard. Write a program to calculate the area of a rectangle. Print the area on output screen.
6. The length and breadth of a rectangle is input through the keyboard. Write a program to calculate the perimeter of a rectangle. Print the result on output screen.
7. The side of a square is input through the keyboard. Write a program to calculate the area of a square. Print the area on output screen.
8. The side of a square is input through the keyboard. Write a program to calculate the perimeter of a square. Print the result on output screen.
9. The radius of a circle is input through the keyboard. Write a program to calculate the area of a circle. Print the area on output screen.
10. The radius of a circle is input through the keyboard. Write a program to calculate the circumference of a circle. Print the result on output screen.
11. Enter the three sides of a triangle. Find the sum of three sides of the triangle. Print the result on the screen.
12. If the marks obtained by a student in five different subjects are input through the keyboard, write a program to find out the aggregate marks. Print the aggregate marks of the student on screen.
13. Assume that the maximum marks that can be obtained by a student in any subject is 100. If the marks obtained by a student in five different subjects are input through the keyboard, write a program to find out the percentage obtained by the student. Print the percentage of the student on screen