ASSIGNMENT -6 (BASICS OF C PROGRAMMING)

Aim: To demonstrate the need of functions

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. Write a program to do the following:
5. Calculate area of a rectangle
6. Calculate perimeter of a rectangle
7. Calculate area of a square
8. Calculate perimeter of a square
9. Calculate area of a square
10. Calculate circumference of a circle.
11. Calculate sum of sides of a triangle
12. 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 do the following:
13. Find out total marks obtained by the student
14. Find out the percentage obtained by the student
15. Find out the average marks of the student.
16. Write a program to do the following:
17. To add two numbers
18. To subtract two numbers
19. To multiply two numbers
20. To divide two numbers
21. The distance between two cities (in kms) is input through the keyboard. Write a program to do the following:
22. Convert the distance in centimeter
23. Convert the distance in millimeters
24. Convert the distance in inches
25. Write a program to print N natural numbers. For example, input 6, it should print 1 2 3 4 5 6. Create a function to print these numbers.