



Concepts of Programming Using Java

ASSIGNMENT1

1. Write a Java program that reads an integer between 0 and 1000 and adds all the digits in the integer.
2. Print the area and circumference of a circle, given its radius.
3. Write a program which prints "ONE", "TWO",... , "NINE", "OTHER" if the int variable "number" is 1, 2,... , 9, or other, respectively. Use (a) a "nested-if" statement; (b) a "switch-case-default" statement.
4. Write a program to calculate the sum of the first and the second last digit of a 5 digit.
E.g.- NUMBER : 12345 OUTPUT : 1+4=5
5. Write a program to perform arithmetic operations, by accepting numbers from user and the choice from user. Write a menu driven program to perform operations.
6. Write a program to print absolute value of a number entered by user.
E.g.-
INPUT: 1 OUTPUT: 1
INPUT: -1 OUTPUT: 1
7. A shop will give discount of 10% if the cost of purchased quantity is more than 1000. Ask user for quantity and suppose, one unit will cost 100. Calculate and print total cost for user.