

ASSIGNMENT 1

1. Write a java program to print your biodata?
2. Write a java program to find simple interest?
3. Write a java program for temperature conversion?
4. Write a java program to implement adder circuit and booth algorithm using bitwise operator?
5. Write a java program to find following without using looping and decision making
 - I. Sum of all digits of any 4 digit numbers
 - II. find the face value and position value of any 4 digit number?
 - III. Find the value available at position required by user it may be 10, 100 or 1000?
 - IV. Sum of product of consecutive digits of any 4 digit number? Suppose num=1234 then output= $4*3+3*2+2*1$
 - V. find sum of product of corresponding digits of two any 4 digit number Such as n=1234 m=7896 output= $6*4+9*3+8*2+7*1$
 - VI. find bitwise and , or , and xor of 2nd and 4th digit of any 4 digit number?
 - VII. Find left shift, right shift and zero fill of summation of all digits of any 4 digit number and it will be shifted by 3rd digit of any 4 digit number?
6. Write a java program to find following using conditional operator and without using looping and decision making ?
 - a) Sum of all even digits of any 4 digit number
 - b) Sum of all odd digits of any 4 digit number
 - c) Difference between average of all even digits except divisible by 4 and average of all odd digits except divisible by 3 of any 4 digit number
 - d) Sum of product of consecutive even digits of any 4 digit number? Suppose num=1624 then output= $4*2+2*6$
 - e) Sum of product of consecutive odd digits of any 4 digit number? Suppose num=1356 then output= $5*3+3*1$
 - f) Difference between Sum of product of consecutive even digits except 2 and 6 and Sum of product of consecutive odd digits except 3 and 7 of any 4 digit number
 - g) Write a java program to find sum of product of corresponding even digits of first any digit number and corresponding odd digit of any 4 digit number Such as n=1234 m=4567 output= $4*7+2*5$