**PROGRAM 1 : SUM OF NUMBERS FROM 1 TO 100**

**PROGRAM :**

**package** sum\_of\_numbers;

**public** **class** Sum {

**public** **static** **void** main(String[] args) {

**int** sum1=0;

**int** sum2=0;

**int** sum3=0;

**int** sum4=0;

**int** sum5=0;

**for**(**int** i=1;i<=100;i++) {

sum1=sum1+i;

}

**for**(**int** i=1;i<=50;i++) {

sum2=sum2+i;

}

**for**(**int** i=1;i<=10;i++) {

sum3=sum3+i;

}

**for**(**int** i=50;i<=100;i++) {

sum4=sum4+i;

}

**for**(**int** i=1;i<=1;i++) {

sum5=sum5+i;

}

System.***out***.println("(TC1 1-100 ) Sum : "+sum1);

System.***out***.println("(TC2 1-50 ) Sum : "+sum2);

System.***out***.println("(TC3 1-10 ) Sum : "+sum3);

System.***out***.println("(TC4 50-100 ) Sum : "+sum4);

System.***out***.println("(TC5 1-1 ) Sum : "+sum5);  
 }

}

**OUTPUT :**

(TC1 1-100 ) Sum : 5050

(TC2 1-50 ) Sum : 1275

(TC3 1-10 ) Sum : 55

(TC4 50-100 ) Sum : 3825

(TC5 1-1 ) Sum : 1