Lecture 2 27-July-2024 Sat

Practice Problems

1. Print sum of digits of a positive number

import java.util.\*;

class SumofDigits {

public static void main(String[] args) {

long n,m, sumOfDigits;

Scanner sc = new Scanner(System.in);

n = sc.nextInt();

m=n;

for(sumOfDigits = 0 ; n!=0 ; n/=10) {

sumOfDigits += n%10;

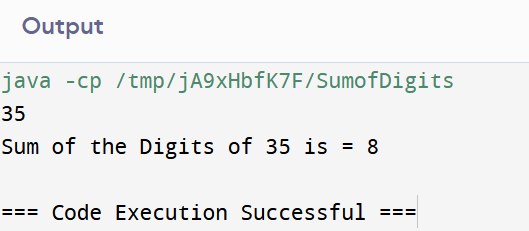
}

System.out.println("Sum of the Digits of "+m+" is = "+sumOfDigits);

}

}

OUTPUT -:



2. WAP to check whether a given number is palindrome

import java.util.\*;

class Palindrome {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt();

int r,sum=0,temp;

temp=n;

while(n>0){

r=n%10;

sum=(sum\*10)+r;

n=n/10;

}

if(temp==sum)

System.out.println("palindrome number ");

else

System.out.println("not palindrome");

}

}

OUTPUT -:

