**Q1. Write a java program Add two Numbers :**

```
import java.util.Scanner;
public class SumOfTwoNumber{
   public static void main(String[] args) {
      int first; int second; int sum; //declaration of input number and  sum
      Scanner sc=new Scanner(System.in);
      System.out.println("enter the first number");  //taking input of first number from user
      first=sc.nextInt();
      System.out.println("enter the second number"); //taking input of second number from user
      second=sc.nextInt();
      sum=first+second;
      System.out.println("addition of this two number is : "+ sum ); //printing output
   }
}
```

**Q2. Write a java program Check Whether a Number is Even or Odd :**

```
import java.util.Scanner;
public class OddOrEven{
   public static void main(String[] args) {
      Scanner sc=new Scanner(System.in);
      System.out.println("Enter the number to check whether it is odd or even");
      int number=sc.nextInt(); //taking input from the user
      if (number%2==0){  //applying condition to check number is even or add
         System.out.println("The number "+ number +" is even");
      }else{
         System.out.println("The number "+ number +" is odd");
      }
   }
}
```

**Q3. Write a java program Check if a given number is palindrome or not :**

```
import java.util.Scanner;
public class isPalindrome{
   public static void main(String[] args) {
      Scanner sc=new Scanner(System.in);
      System.out.println("Enter the number to check whether it is palindrome or not"); //taking
input from the user
      int number=sc.nextInt();
      int temp=number; int reverse=0;
      while (number!=0){    //reversing the number by using while loop
         int reminder=number%10;
         reverse=(reverse*10)+reminder;
         number=number/10;
      }
      if (reverse==temp) {  //comparing original number with reverse number and printing result
         System.out.println( temp + " is palindrome number " );
      }else {
         System.out.println( temp + " is not a palindrome number");
      }
   }
}
```

**Q4. Write a java program to find the sum of n natural numbers :**

```
import java.util.Scanner;
public class SumOfNaturalNumber{
   public static void main(String[] args) {
      Scanner sc=new Scanner(System.in);
      System.out.println("Enter the number to find sum of natural number"); //taking input from
the user
      int number=sc.nextInt(); int sum=0;
      for (int i=0;i<=number;i++){   //addition upto n number using for loop
         sum=sum+i;
      }
      System.out.println("sum of the number is : " + sum);
   }
}
```

**Q5. Write a java program to Check Prime Number or not :**

```
import java.util.Scanner;
public class CheckPrime{
   public static void main(String[] args) {
      Scanner sc=new Scanner(System.in);
      System.out.println("Enter the number to check number is prime or not"); //taking input from
the user
      int number=sc.nextInt(); boolean isPrime=false;
      for (int i=2;i<=number/2;i++){   //checking number is prime or not using for loop
         if(number%i==0){
            isPrime=true; break;
         }
      }
      if (isPrime){   //printing the output using if else condition
         System.out.println("the number is the not prime number");
      }else {
         System.out.println("the number is a prime number");
      }
   }
}
```