Ques 1. Write a java program Add two Numbers

Ans:

```
class Addition {
      public static void main(String[] args) {
      int x = 10;
      int y = 20;
      // Add two integer numbers
      int sum = x + y;
      System.out.println(x + " + " + y + "=" + sum);
     }
 }
```

Ques 2. Write a java program Check Whether a Number is Even or Odd,

Ans:

```
import java.util.Scanner;

public class EvenAndOddprogram {
 public static void main(String[] args) {
   Scanner sc = new Scanner(System.in);
      System.out.print("Enter a number: ");
      int num = sc.nextInt();
      if (num % 2 == 0)
         System.out.println(num + " is even");
      Else
 System.out.println(num + " is odd");
 } }
```

Ques 3. Write a java program Check if a given number is palindrome or not.

Ans:

```
class Palindrom {
    public static void main(String args[]) {
    int rem, sum = 0, temp;
    int n = 101;
    temp = n;
    while (n > 0) {
       rem = n % 10;
       sum = (sum * 10) + rem;
       n = n / 10;
    }
    if (temp == sum)
       System.out.println(" this number is palindrome number ");
    else
       System.out.println(" this number is not palindrome");
  }
}
```

Ques 4. Write a java program to find the sum of n natural numbers,

Ans:

```
import java.util.Scanner;
  public class Sum {
  public static void main(String args[]) {
    int sum = 0;
    System.out.print("Enter the number value:");
    Scanner sc = new Scanner(System.in);
```

```
        int n = sc.nextInt();


        for (int i = 0; i < n; i++) {
            sum = sum + i;
        }
        System.out.println("Sum of numbers : " + sum);
    }
}
```

Ques 5. Write a java program to Check Prime Number or not,

Ans:

```
class PrimeNumber {
    public static void main(String args[]) {
        int i, m = 0, flag = 0;
        int n = 2;
        m = n / 2;
        if (n == 0 || n == 1) {
            System.out.println(n + " is not prime number");
        } else {
            for (i = 2; i <= m; i++) {
                if (n % i == 0) {
                    System.out.println(n + " is not prime number");
                    flag = 1;
                    break;
                }
            }
```

```
            if (flag == 0) {
                System.out.println(n + " is prime number");
            }
        }
    }
}
```