

Ques 1. Write a java program Add two Numbers.

Ans.

```
import java.util.Scanner;

public class addnumbers {
    public static void main(String[] args) {
        int a, b;
        System.out.println("Enter your First number");
        Scanner s = new Scanner(System.in); // scanner object
        a = s.nextInt(); // take input from the user
        System.out.println("Enter your Second number");
        b = s.nextInt(); // take input from the user
        System.out.println("addition of numbers is : " + (a + b));
    }
}
```

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

Ans.

```
import java.util.Scanner;

public class oddeven {
    public static void main(String[] args) {
        int x;
        System.out.println("Enter any number :");
        Scanner s = new Scanner(System.in); // scanner object
        x = s.nextInt(); // taking input from the user
        if (x % 2 == 0) // check for condition
            System.out.println("Number is even");
        else
            System.out.println("Number is odd");
    }
}
```

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

Ans.

```
import java.util.Scanner;

public class palindrome {
    public static void main(String[] args) {
        int n, c, sum = 0, r; // declare integer type variable
        System.out.println("Enter any number :");
        Scanner s = new Scanner(System.in); // scanner object
        n = s.nextInt();
        c = n;
        while (n > 0) { // using while loop and logic
            r = n % 10;
            sum = sum * 10 + r;
            n = n / 10;
        }
        if (c == n) { // check for condition

            System.out.println("Given number is palindrome number");
        } else {

            System.out.println("Given number is not a palindrome
number");
        }
    }
}
```

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

Ans.

```
import java.util.Scanner;

public class naturalnumber {
    public static void main(String[] args) {
        int x, i = 1, sum = 0; // declare integer data variable
        System.out.println("Enter number of terms :");
        Scanner s = new Scanner(System.in); // scanner object
```

```

        x = s.nextInt();
        for (i = 1; i <= x; i++) { // create for loop for to get value
of n natural numbers
            sum = sum + i;
        }
        System.out.println("Addition of natural number given number of
terms:" + sum); // print the result
    }
}

```

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

Ans.

```

import java.util.Scanner;

public class primenumber {

    public static void main(String[] args) {
        int num, i, count = 0; // declare rhe variable
        Scanner s = new Scanner(System.in); // scanner object
        System.out.print("Enter a Number: ");
        num = s.nextInt();
        for (i = 2; i < num; i++) { // use for loop for iterating to get
the condition
            if (num % i == 0) {
                count++;
                break;
            }
        }
        if (count == 0) // check condition for giving output for user
            System.out.println("\nIt is a Prime Number.");
        else
            System.out.println("\nIt is not a Prime Number.");
    }
}

```