17 May 23 FULL STACK DEVELOPMENT – WORKSHEET –A

Ques 1. Write a java program Add two Numbers?

Answer:

```java
package com.java.Fliprobo;

import java.util.Scanner;// Import Scanner Class

public class TwoNumbers {

    public static void main(String[] args) {
    int x, y, a;
    Scanner S = new Scanner(System.in); // Create a Scanner Object

    System.out.println("Enter FirstNumber:");
    x = S.nextInt();

    System.out.println("Enter SecondNumber:");
    y = S.nextInt();

    a = x + y;
    System.out.println("Addition is:" + a);//Print the Answer

    }
}
```

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

Answer:

```java
package com.java.Fliprobo;

import java.util.Scanner; ;// Import Scanner Class

public class EvenOdd {

public static void main(String[] args) {

        int x;

        Scanner S = new Scanner(System.in); // Create a Scanner Object

        System.out.println("Enter the Number:");
        x = S.nextInt();

        if (x % 2 == 0) {
                System.out.println(x + "is Even Number");
        } else {
                System.out.println(x + "is Odd Number");
        }

}
```

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

Answer:

```java
package com.java.Fliprobo;

import java.util.Scanner;

public class PalindromeNumber {

public static void main(String[] args) {
        int x;
        Scanner S = new Scanner(System.in);
        System.out.println("Enter the Number:");
        x = S.nextInt();
        int sum = 0, r;
        int temp = x;
        while (x > 0) {
                r = x % 10;
                sum = (sum * 10) + r;
                x = x / 10;
        }
        if (temp == sum)
                System.out.println("It is a Palindrome number.");
        else
                System.out.println("Not a Palindrome number");

    }

}
```

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

Answer:

```java
package com.java.Fliprobo;

import java.util.Scanner;

public class NaturalNumbers {

public static void main(String[] args) {

        int x, i, sum = 0;
        {
                Scanner S = new Scanner(System.in);
                System.out.println("Input Number:  ");
                x = S.nextInt();
        }
        System.out.println("The First n natural numbers are :" + x);
        for (i = 1; i <= x; i++) {
                System.out.println(i);
                sum += i;
        }
        System.out.println("The sum of natural number upto" + x + "terms : " +
sum);

    }
}
```

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

```java
package com.java.Fliprobo;

import java.util.Scanner;

public class Primenumber {

public static void main(String[] args) {

        int num, x, y;
        Scanner S = new Scanner(System.in);
        System.out.println("Enter a Number:");
        num = S.nextInt();
        x = 1;
        y = 0;
        while (x <= num) {
                if ((num % x) == 0)
                        y = y + 1;
                x++;
        }
        if (y == 2)
                System.out.println(num + "is a Prime number");
        else
                System.out.println(num + "is not a Prime number");
    }

}
```