

FULL STACK DEVELOPMENT – WORKSHEET -A

Ques 1. Write a java program Add two Numbers ,

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

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

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

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



Ques 1. Write a java program Add two Numbers.

Ans 1. package com.java.AddNumber;

```
public class AddTwoNumber {  
  
    public static void main(String[] args) {  
        int Num1 = 40;  
int Num2 = 50;           //  
Add Two Numbers  
        System.out.println(Num1 + Num2);  
    }  
  
}
```

Output :- 90

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

Ans 2. package com.java.OddEven; import
java.util.Scanner;

```
public class OddEven {  
  
    public static void main(String[] args) {
```

```

Scanner number = new Scanner(System.in);

System.out.print("Enter a number: ");
int num = number.nextInt();

if(num % 2 == 0)
    System.out.println(num + " is even");
else
    System.out.println(num + " is odd");

}

}

```

Output :- Enter a number : 29
29 is odd

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

Ans 3. package com.java.Palindrome; import
java.util.Scanner;
public class PalindromeNumber {

 public static void main(String[] args) {

```

        //Take input from the user
        Scanner number = new Scanner(System.in);
        System.out.println("Enter the number: ");
        int num=number.nextInt();      int r,sum=0;      int
        temp=num;
        while(num>0)
        {
            r=num%10;
            sum=(sum*10)+r;
        num=num/10;
        }
        if(temp==sum)
            System.out.println("The entered number
"+temp+" is a palindrome number ");
        else
            System.out.println("The entered number
"+temp+" is not a palindrome");

    }

}

```

Output :- Enter the number :

2002

The entered number 2002 is a palindrome number

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

Ans 4.

```
package com.java.NatiralNumber;
import java.util.Scanner;
public class NatiralNumbers {

    public static void main(String[] args) {

        int number, i, sum = 0;
        Scanner num = new Scanner(System.in);

        System.out.print(" Please Enter any
Number : ");

        number = num.nextInt();

        for(i = 1; i <= number; i++)
        {
            sum = sum + i;
        }

        System.out.println("\n The Sum of Natural
Numbers from 1 to "+ number + " = " + sum);
    }
}
```

```
}  
  
}
```

Output :- Please Enter any Number : 50
The Sum of Natural Numbers from 1 to 50 = 1275

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

Ans 5. package com.java.PrimeorNot;

```
public class PrimeNumber { public static  
    void main(String[] args) {  
  
        int num = 29;  
        boolean flag = false;  
        for (int i = 2; i <= num /  
            2; ++i) {  
            // condition for nonprime number  
            if (num % i == 0) {        flag = true;  
                break;  
            }  
        }  
  
        if (!flag)
```

```
        System.out.println(num + " is a prime number.");
    else
        System.out.println(num + " is not a prime number.");
}
```

Output :- 29 is a prime number.