

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);  
    }  
  
}
```

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");

    }

}

```

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");

    }

}

```

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);

}

}

```

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.");  
  
}  
}
```