

# Lab Assignment

NAME – Rohan Nyati

SAP ID – 500075940

ROLL NO – R177219148

BATCH – 5

TITLE: Wrapper Classes

1) Write a Java code that converts int to Integer, converts Integer to String, converts String to int, converts int to String, converts String to Integer converts Integer to int.

```
import java.util.Scanner;
public class Q1{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a int value: ");
        int intVal = sc.nextInt();

        //int -> Integer
        Integer integerVal = new Integer(intVal);
        System.out.printf("\nint val = %d \nint -
> Integer = %d",intVal,integerVal);

        //Integer -> String
        String strVal = Integer.toString(integerVal);
        System.out.printf("\nInteger -> String = %s",strVal);

        //String -> int
        int intVal2 = Integer.parseInt(strVal);
        System.out.printf("\nString -> int = %d",intVal2);

        //int -> String
```

```

String strVal2 = String.valueOf(intVal2);
System.out.printf("\nint -> String = %s",strVal2);

//String -> Integer
Integer integerVal2 = Integer.valueOf(strVal2);
System.out.printf("\nString -> Integer = %d",integerVal2);

//Integer -> int
int val = integerVal2.intValue();
System.out.printf("\nint -> Integer = %d",intVal);
}
}

```

```

Enter a int value:
5

int val = 5
int -> Integer = 5
Integer -> String = 5
String -> int = 5
int -> String = 5
String -> Integer = 5
int -> Integer = 5

```

2) Write a Java code that converts float to Float converts Float to String converts String to float converts float to String converts String to Float converts Float to float.

```

public class Q2{
    public static void main(String[] args) {
        float fVal = 9.8f;

        //float -> Float
        Float FVal = new Float(fVal);
        System.out.printf("\nGiven float val = %.1f \nfloat -
> Float = %.1f",fVal,FVal);

        //Float -> String
        String strVal = String.valueOf(FVal);
        System.out.printf("\nFloat -> String = %s",strVal);

        //String -> float
        float fval2 = Float.parseFloat(strVal);
    }
}

```

```

        System.out.printf("\nString -> float = %.1f",fval2);

        //float -> String
        String strVal2 = String.valueOf(fval2);
        System.out.printf("\nfloat -> String = %s",strVal2);

        //String -> Float
        Float FVal2 = Float.valueOf(strVal2);
        System.out.printf("\nString -> Float = %.1f",FVal2);

        //Float -> float
        float fval = FVal2.floatValue();
        System.out.printf("\nFloat -> float = %.1f",fval);
    }
}

```

```

Given float val = 9.8
float -> Float = 9.8
Float -> String = 9.8
String -> float = 9.8
float -> String = 9.8
String -> Float = 9.8
Float -> float = 9.8

```