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Project Name : Wrapper_Classes

```
public class Boxing_UnBoxing {

    public static void main(String[] args) {
        int a = 50;
        Integer a2 = new Integer(a); // Boxing
        Integer a3 = 10;
        System.out.println(a2 + " " + a3);

        // UnBoxing
        Integer obj = new Integer(50);
        int x = obj;
        System.out.println(x);
    }
}
```

```
public class StringDemo {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        String str1 = "Hello";
        String str2 = " world";
        // Compare To String
        if (str1.compareTo(str2) < 0) {
            System.out.println("two string are equal");
        } else {
            System.out.println("Two string are not equal");
        }
        // concat
        String result = str1 + " " + str2;
        System.out.println(result);
        // string length
        System.out.println("the length of string:" + str1.length());
        for (int i = str1.length() - 1; i >= 0; i--) {
            System.out.println(str1.charAt(i));
        }
    }
}
```

```
        //  
    }  
}  

```

```
public class WrapperClasses {  
  
    int a;  
  
    WrapperClasses()  
    {  
        System.out.println("This a Wrapper class");  
    }  
  
    WrapperClasses(int num){  
        this();  
        this.a=num;  
    }  
  
    public int getA() {  
        return a;  
    }  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        WrapperClasses obj=new WrapperClasses(50);  
        System.out.println(obj.getClass());  
    }  
}
```

Output :

```
This a Wrapper class  
class WrapperClasses
```