*** Write a program to lexicographically arrange the given strings "Raman" , "Aman" , "Vikram" , "Shyam" and "Bhuvan".**

```
package Problem1.strings;
import java.util.Arrays;

public class StringSort {

	public static void main(String[] args) {
		String s[] = {"Raman" , "Aman" , "Vikram" , "Shyam", "Bhuvan"};
		Arrays.sort(s);
		for(String s1:s) {
			System.out.print(s1 + " ");
		}
	}

}
```

***Create objects of all the wrapper classes and print then on console, with using constructor.**

```
package Problem2.java;

public class Wrapper {

	public static void main(String[] args) {
		Integer myInt = 10;
	   Double myDouble = 11.65;
	   Character myChar = 'T';
	   Boolean myBool= true;
	   System.out.println(myInt);
	   System.out.println(myDouble);
	   System.out.println(myChar);
	   System.out.println(myBool);

	}

}
```

***Write a program to demonstrate boxing and un-boxing**

```
package Problem3.java;

public class BoxingUnboxing {

	public static void main(String[] args) {

		//boxing
	Integer objInteger = Integer.valueOf(10);
	//un-boxing
	int a = objInteger.intValue();
```

```
	System.out.println(a);
		}

}
```

*Write a program to demonstrate autoboxing and unboxing.

```
package Problem4.java;

public class AutoboxingUnboxing {

		public static void main(String[] args) {
			// TODO Auto-generated method stub
			//autoboxing
	Integer objInteger = 10;
	//un-boxing
	int a = objInteger;

	System.out.println(a);
		}

}
```

*Write a program to get a substring of a StringBuffer.

```
package Problem5.java.strings;

public class Substring {

		public static void main(String[] args) {

			StringBuilder s = new StringBuilder("Hello!! Welcome to Java World");
			System.out.println(s);

			//substring
			System.out.println("\nSubstring: " + s.substring(5, 19));

		}

}
```

*Write a program to print ASCII values of Character objects using wrapper class.

```
public class ASCIIvalue {
	 public static void main(String[] args) {
		Character obj = Character.valueOf('a');
		System.out.println((int)obj);
```

```
            }
        }
```

*Create a List of 10 Integer objects and try to access 15th index. Properly analysis the output.

```
import java.util.ArrayList;

public class List2 {
   public static void main(String[] args) {

      ArrayList<Integer> integers = new ArrayList<>();

      integers.add(20);
      integers.add(60);
      integers.add(70);
      integers.add(50);
      integers.add(30);
      integers.add(250);
      integers.add(3);
      integers.add(2);
      integers.add(10);
      integers.add(18);
      //printing the list
      System.out.println("printing list");
      System.out.println(integers);
      int no = integers.get(15);
      System.out.println(no);
   }

}
```

*Write a program to display the length and capacity of String, StringBuilder and StringBuffer.

```
public class LengthandCapacity {
            public static void main(String[] args) {
               String string = new String("Aman");
               StringBuffer buffer = new StringBuffer("Srivastava");
               StringBuilder builder = new StringBuilder("ComputerScience");


               System.out.println("Length and capacity of string is " + string.length());
               System.out.println();
               System.out.println("length of StringBuffer is = " + buffer.length());
               System.out.println("Capacity of StringBuffer is = " + buffer.capacity());
               System.out.println();
               System.out.println("length of StringBuilder is = " + builder.length());
               System.out.println("Capacity of StringBuilder is = " + builder.capacity());
            }
```

```
}
```