```
1. package com.cap1;
2.
3. public class String1 {
4.
5.        public static void main(String[] args) {
6.              String str="Hello World";
7.              int len=str.length();
8.              System.out.println("The lenght of the String is: "+len);
9.
10.       }
11.
```

```
package com.cap1;

public class String2 {

      public static void main(String[] args) {
            String str1="Hello ";
            String str2="How are you?";
            System.out.println(str1.concat(str2));

      }

   }
```

```
package com.cap1;

public class String3 {

      public static void main(String[] args) {
            String str="Java String pool refers to collection of strings which are
stored in heap memory";
            //a:
            System.out.println(str.toLowerCase());
            //b:
            System.out.println(str.toUpperCase());
            //c:
            System.out.println(str.replace('a', '$'));
            //d:
            if(str.contains("collection")){
                  System.out.println("hello world");
            }
            //e:
            System.out.println(str.matches("java string pool refers to collection of
strings which are stored in heap memory"));
            //f:
            System.out.println(str.equalsIgnoreCase("java string pool refers to
collection of strings which are stored in heap memory"));

      }
```

```java
package com.cap1;

public class StringBuffer1 {

	public static void main(String[] args) {
		StringBuffer sb=new StringBuffer("StringBuffer");
		sb.append(" is a peer class of String");
		sb.append(" that provides much of");
		sb.append(" the functionality of strings");
		System.out.println(sb);

	}

}
```

```java
package com.cap1;

public class StringBuffer2 {

	public static void main(String[] args) {
		StringBuffer sb=new StringBuffer("It is used to at the specified index
position");
		String str="insert text ";
		sb.insert(14,str);
		System.out.println(sb);

	}

}
```

```java
package com.cap1;

public class StringBuffer3 {

	public static void main(String[] args) {
		StringBuffer sb=new StringBuffer("This method returns the reversed
object on which it was called");
		System.out.println("String before reversing: "+sb);
		sb.reverse();
		System.out.println("String after reversing: "+sb);

	}

}
```

```
ackage com.cap1;

public class StringBuilder1 {

	public static void main(String[] args) {
		StringBuilder sb=new StringBuilder("StringBuffer");
		sb.append(" is a peer class of String");
		sb.append(" that provides much of");
		sb.append(" the functionality of strings");
		System.out.println(sb);

	}

}
```

```
package com.cap1;

public class StringBuilder2 {

	public static void main(String[] args) {
		StringBuilder sb=new StringBuilder("It is used to at the specified index
position");
		String str="insert text ";
		sb.insert(14,str);
		System.out.println(sb);

	}

}
```

```
package com.cap1;

public class StringBuilder3 {

	public static void main(String[] args) {
		StringBuilder sb=new StringBuilder("This method returns the reversed
object on which it was called");
		System.out.println("String before reversing: "+sb);
		sb.reverse();
		System.out.println("String after reversing: "+sb);

	}

}
```