STRING QUESTIONS

1.Hello

```
import java.util.*;
public class str {

   public static void main(String[] args) {

      // Initialized a String variable
      String str = "Hello World";

      // Initialized a count variable which will store the length
      int count = str.length();

      // Printed the count variable or the length of String.
      System.out.println("The String has " +count +" characters");

   }

}
```

2.program 2

```
import java.util.*;
public class Join
{
public static void main(String Args[])
{
String s1="Hello";
String s2="How are you?";
String out=s1.concat(s2);
System.out.print("Strings offer concatenation":+out);
}}
```

3.(3a)lower case

```
import java.util.*;
class Threea {
   public static void main(String args[])
   {
      String s = "Java String pool refers to collecction of String which are stored in a heap memory";



      String glen1 = s.toLowerCase();
      System.out.println(glen1);
   }
}
```

3B.UPPER CASE

```
class Glen {
   public static void main(String args[])
   {
      String s = "Java String pool refers to collecction of String which are stored in a heap memory";


      String glen1 = s.toupperCase();
      System.out.println(glen11);
}
}
```

3c.replace

```
import java.util.*;
public class Threec
{
public static void main(String args[])
{
String s1="Java String pool refers to collecction of String which are stored in a heap memory";
String replaceString=s1.replace("a","$");
System.out.println(replaceString);
}
```

}

3d.

im

3e.

```
import java.util.*;


public class Threed{

   public static void main(String args[])

   {

      String string1 = new String("Java String pool refers to collecction of String which are stored in a heap memory");

      String string2 = new String("java string pool refers to colllection of string which are stored in a heap memory");




      System.out.println("Comparing " + string1 + " and " + string2 + " : " + Objects.equals(string1, string2));

}

}
```

3f.

```
import java.lang.*;

public class Threef {

  public static void main(String[] args) {

    String str1 = "Java String pool refers to collecction of String which are stored in a heap memory";

    String str2 = "java string pool refers to colllection of string which are stored in a heap memory";


    boolean retval1 = str2.equals(str1);


    System.out.println("str2 is equal to str1 = " + retval1);


  }}
```

STRINGBUFFER QUESTIONS

1.

```
public class buffera
{
public static void main(String[] args)
{
StringBuffer sbf1=new StringBuffer("StringBuffer");
System.out.println("String Buffer 1:"+sbf1);

StringBuffer sbf2=new StringBuffer("is a peer class of String");
System.out.println("String Buffer 2:"+sbf2);

StringBuffer sbf3=new StringBuffer("that provides much of");
System.out.println("String Buffer 3:"+sbf3);

StringBuffer sbf4=new StringBuffer("the functionality of strings");
System.out.println("String Buffer 2:"+sbf4);

sbf1.append(sbf2);
sbf1.append(sbf3);
sbf1.append(sbf4);
System.out.println(" ");
System.out.println("After appending:"+sbf1);
}
}
```

2. insert string program

```
import java.lang.*;
public class bufferb {
  public static void main(String[] args) {
    String str = "it is used to at the specified index position ";
```

```
    String newSub = " insert text ";
    int index = 13;
    System.out.println("Initial String = " + str);
    System.out.println("Index where new string will be inserted = " + index);
    StringBuffer resString = new StringBuffer(str);
    resString.insert(index + 1, newSub);
    System.out.println("Resultant String = "+resString.toString());
  }
}
```

3.revrse string program

```
import java.lang.*;

public class bufferc {

   public static void main(String args[])
   {
      StringBuffer sbf = new StringBuffer("The methods retruns the reversed object on which it was called");
      System.out.println("String buffer = " + sbf);

      sbf.reverse();
      System.out.println("String buffer after reversing = " + sbf);
   }
},
```

STRING BUILDER

1.PROGRAM BUILDER

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

```
StringBuilder sb=new StringBuilder("String Buffer");
String s1="is a peer class of string";
String s2="that provides much of";
String s3="the functionality of strings";
sb.append(s1);
sb.append(s2);
sb.append(s3);
System.out.println("After appending using StringBuilder:"+sb);
}
}
```

2.

```
import java.lang.*;

public class builderb {

  public static void main(String[] args) {

    StringBuilder str = new StringBuilder("it is used to at the specified index position ");
    System.out.println("string = " + str);

    // insert character value at offset 8
    str.insert(, 'insert text');

    // prints StringBuilder after insertion
    System.out.print("After insertion = ");
    System.out.println(str.toString());
  }
}
```

3.

```
import java.lang.*;

class builderc {
   public static void main(String[] args)
   {
      StringBuilder str
         = new StringBuilder("The methods retruns the reversed object on which it was called");
      System.out.println("String = " + str.toString());

      StringBuilder reverseStr = str.reverse();

      System.out.println("Reverse String = " + reverseStr.toString());
   }
}
```