1.Write an application to determine the length of the String str = “Hello World”. (Hint: Use String method)

**public** **class** length {

**public** **static** **void** main(String[] args)

{

String str = "Hello World";

**int** a = str.length();

System.***out***.println("The String has " +a +" characters");

}

}

2.Write an application to join the two Strings “Hello, ” & “How are you?” (Hint: Use String method)

**public** **class** q3 {

**public** **static** **void** main(String args[]){

String s="Hello,";

s=s.concat(" How are you?");

System.***out***.println(s);

}

}

3.Given a String “Java String pool refers to collection of Strings which are stored in heap memory”, perform the following operations (Hint: all operation can be performed using String methods)

**public** **class** q2 {

**public** **static** **void** main(String args[])

{

String s1="Java String pool refers to collection of Strings which are stored in heap memory";

String s1Lower=s1.toLowerCase();

System.***out***.println(s1Lower);

String s1Upper=s1.toUpperCase();

System.***out***.println(s1Upper);

String s1replaceString=s1.replace('a','$');

System.***out***.println(s1replaceString);

System.***out***.println(s1.contains("collection"));

String s2="java string pool refers to collection of strings which are stored in heap memory";

System.***out***.println(s1.equals(s2));

System.***out***.println(s1==s2);

}

}