**String Assignment**

1st code :

package com.prajwal;

public class Main {

public static void main(String[] args) {

String s1 =new String("Hello World");

int lengthString = s1.length();

System.out.println("Length of String Hello World is " + lengthString);

}

}

2nd code :

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuilder s1 = new StringBuilder("Hello,"); //String 1

StringBuilder s2 = new StringBuilder(" How are you?"); //String 2

StringBuilder s = s1.append(s2); //String 3 to store the result

System.out.println(s.toString()); //Displays result

}

}

3rd Assignment:

package com.prajwal;

public class Main {

public static void main(String[] args) {

String string1 = "Java String pool refers to collection of Strings which are stored in heap memory";

System.out.println("to lowercase");

System.out.println(string1.toLowerCase() +"\n");

System.out.println("to uppercase");

System.out.println(string1.toUpperCase() +"\n");

System.out.println("replace a with $");

System.out.println(string1.replace("a","$") +"\n");

System.out.println("to check string contains a word 'collection'");

System.out.println(string1.contains("collection") +"\n");

System.out.println("check string matches");

System.out.println(string1.matches("java string pool refers to collection of strings which are stored in heap memory") +"\n");

System.out.println("check string matches using equalsIgnoreCase");

System.out.println(string1.equalsIgnoreCase("java string pool refers to collection of strings which are stored in heap memory") +"\n");

}

}

**StringBuffer assignments:**

!st code :

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuffer sb1 = new StringBuffer("StringBuffer");

sb1.append(" is a peer class of String");

sb1.append(" that provides much");

sb1.append(" of functionality of String.");

System.out.println(sb1);

}

}

2nd code:

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuffer sb1=new StringBuffer("It is used to at the specified index position");

sb1.insert(13, " insert text");

System.out.println(sb1);

}

}

3rd code :

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuffer sb1= new StringBuffer("This method returns the reversed object on which it was called using StringBuffer Class");

System.out.println(sb1.reverse());

}

}

**String Builder Assignmenmts :**

!st code:

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuilder sb1 = new StringBuilder("StringBuffer");

sb1.append(" is a peer class of String");

sb1.append(" that provides much");

sb1.append(" of functionality of String.");

System.out.println(sb1);

}

}

2nd code:

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuilder sb1=new StringBuilder("It is used to at the specified index position");

sb1.insert(13, " insert text");

System.out.println(sb1);

}

}

3rd code:

package com.prajwal;

public class Main {

public static void main(String[] args) {

StringBuilder sb2= new StringBuilder("This method returns the reversed object on which it was called using StringBuffer Class");

System.out.println(sb2.reverse());

}

}