Q1. Write a Program to remove Duplicates from a String?

Q2. WAP to print Suplicates charecters from the string?

Q3. WAP to check if "2552" is plaindrom aur not?

```
Ans. public class palindrome {
   public static void main(String[] args) {
      String str="2552";
      String str1="";
      for (int i = str.length()-1; i >=0; i--) {
```

```
str1+=str.charAt(i);

}
if (str.equals(str1)) {
    System.out.println("it's Palindrome");
}
else
{
    System.out.println("It's not the palindrome");
}
}
```

Q4. WAP to count constent, vowels and Special characters in a string?

```
Ans. public class countCVS {
     public static void main(String[] args) {
         String str = "HEllo this is java course!!!!!!!@@@##";
         str=str.toLowerCase();
         int sp = 0;
         int vowels = 0;
         int constent = 0;
         int specialChars = 0;
          for ( int i = 0; i < str.length(); i++) {</pre>
              ch=str.charAt(i);
              if (ch>='a' && ch<='z') {
   if (ch=='a' || ch=='e' || ch=='i' || ch=='o' ||ch=='u')
                   vowels++;
                   constent++;
              else if (ch>='0' &&ch<='9'){
              num++;
              else if (ch==' '){
               sp++;
                   specialChars++;
        System.out.println("total number of vowels is: "+vowels);
System.out.println("total number of constents is: "+constent);
System.out.println("total number of space is: "+sp);
        System.out.println("total number of numbers is: "+num);
        System.out.println("total number of Spcial characters is: "+specialChars);
```

Q5. Write a program implement Anagram Cheching with least inbuilt methods being used?

```
Ansimport java.util.Arrays;

public class annagramWithInBuild {
    public static void main(String[] args) {
        String str1="listen ";
        String str2="SIlent";
    }
}
```

```
str1=str1.toLowerCase();
str2=str2.toLowerCase();
str1=str1.replace(" ", "");
str2=str2.replace(" ", "");
char arr[]=str1.toCharArray();
char arr1[]=str2.toCharArray();
Arrays.sort(arr);
Arrays.sort(arr1);
if (Arrays.equals(arr, arr1)) {
    System.out.println("It's a annagram String");
}
else
{
    System.out.println("it's not an Annagram String");
}
}
```

Q6. Write to implement panagram checking with least inbuilt methods being used?

Q7. Write a find if string contains all unique characters.

```
Anspublic class countCVS {
    public static void main(String[] args) {
        String str = "HEllo this is java course!!!!!!!@@@##";
```

```
str=str.tolowerCase();
    // int num = 0;
    // int sp = 0;
    // int vowels = 0;
    // int vowels = 0;
    // int specialChars = 0;
    char ch;
    for ( int i = 0; i < str.length(); i++) {
        ch=str.charAt(i);
        if (ch>='a' && ch<='z') {
            System.out.print("");
        }
        else if (ch>='0' && ch<='9') {
            System.out.println("");
        }
        else if (ch==' ') {
            System.out.print("");
        }
        else
        {
            specialChars++;
        }
    }

// System.out.println("total number of vowels is: "+vowels);
// System.out.println("total number of constents is: "+constent);
// System.out.println("total number of space is: "+sp);
// System.out.println("total number of space is: "+sp);
// System.out.println("total number of space is: "+sp);
System.out.println("total number of space is: "+sp);
System.out.println("total number of space is: "+specialChars);
}</pre>
```

Q7. WAP to find the maximum accurring character in a string.