	Interview a.
Q.L	Difference bet " String s = "Hello" & String s = new String
Alns	String name = new String ("Greekyshows"); In this two objects will be created one in heap area and the other object in String Constant Pool (SCP) and name is always pointing to heap object.
	Heap Area SCP Area
	name Geekyshois Geekyshois
	String name = "Geekyshows"; Only one object will be created in SCP Area and name is pointing to that object.
	SCP Area Name Geekyshows
A. 2	Difference bet? "==" and equals() method Basically in Java both "==" and equals() methods are used used for comparing objects equality but only difference is that "==" is an operator and equals() is an method.
	== operator equals() method "==' is an operator () equals() is an method in Java
	Scanned with CamScanner



- 2] '== operator is used for (2) equals () method is reference comparison used for content caddiess comparison)
 - comparison
- 3 It checks whether both objects points to the same memory location
- 3 equals() method evaluates to the comparison of values in the object.
- (4) "==" is used to compare primitive eg boolean, int, char, etc
- (4) equals() method is used to compare objects in java eg. String Object in Java

Program for " = = "operator

Class Test

psvm()

String SI = new String ("Hello"); String 52 = new String ("Hello");

sop(sl = = sz) // false

String 53 = "amit"; String 54 = "amit";

sop (5 == 54) ; 1/ True

01P False

```
Program for equals () method
2
       Class Test
              psvm ()
           String SI = new String ("Hello");
String SZ = new String ("Hello");
        sop ( si. equals(s2)); // It will return true
        sop (51 = = 52) // It will return false
       O/P true
                 False
      class Test ?
(3)
              psvm() {
      String s1 = 'Sachin"
       String sz = "Sachin" );
       String 53 = new String ("Sachin");
       String 54 - "Sourav";
         sop (s1. equals (s2)); // True
          Sop(51 · equals (53)); // True
          sop (51 - equals (54)); // false
      String 51 = 'Sachin";
       String sz = 'Sachin';
       String s3 = new String ("Sachin");
        sop(s1 == 52); // True [because both refersall
         sop(5) == 53); // False ( because 53 refers
                         to instance created in nonpoole Scanned with CamScanner
```

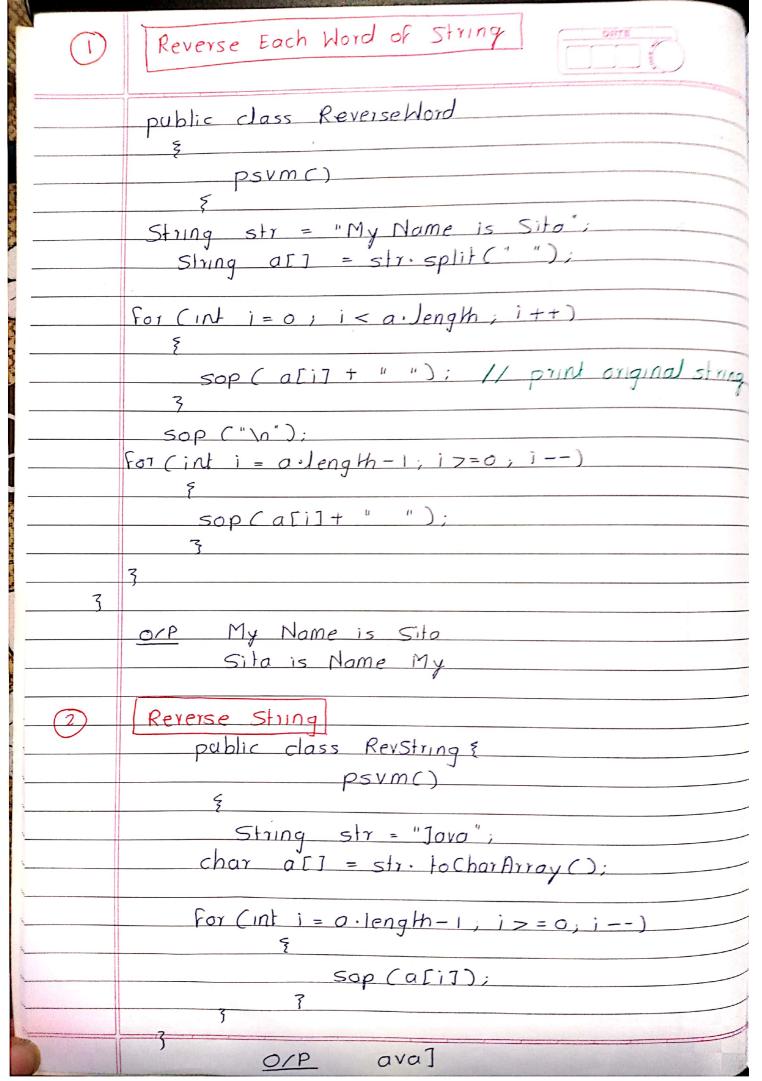


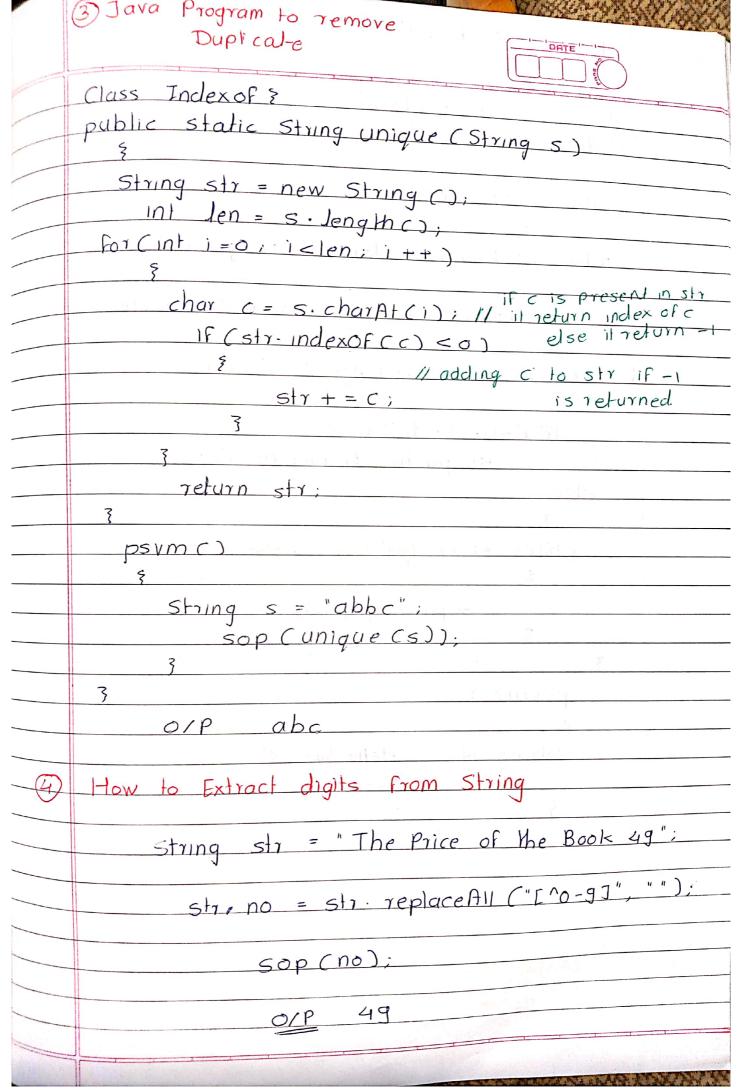
```
Java program to count ch'
```

```
public class Demo ?

psvm ()
```

3





Java Program To Reverse Individual Each Word of String. public class Reverse Each Word & psvm () String [] words = "Welcome To Java"; String [] words = str.split (" "); String reverseString = ""; For (String W: words) String reverseWord = " "; For (int i = wolength ()-1; i = 0; i--) reverseldord = reverseldord + w. charAl(i); reverseString = reverseString + reverseWord + " " sop (reverseString); OPP emocleN oT ava]

```
Convert every word of a String
       to UpperCase.
class Main ?
     psvm ()
String message = "everyone loves Java";
 char [] charArray = message · to Char Array ();
boolean found Space = true;
 For (int 1=0; i < charArray length; i++)
  // if the array element is a letter
  IF (Characles is Letter (char Array [i])) {
  11 check if space present before letter
        IF ( Found Space)
  charArray [i] = character · to Upper Case
                               (charArray [1]);
          Found Space = False;
     11 if the new character is not character
            foundspace = true;
     11 convert the char array to String.
   message = String value of (charArroy);
             sop ("Message" + message);
        Everyone Loves Java.
```

