**1.** How many objects will get created in following code?

String s1=“Welcome”

String s2=“Welcome”

String s3=“Welcome”

**2.** How many objects will get created in following code?

String s1=new String(“Welcome”)

String s2=new String(“Welcome”)

**3.** Reverse the following String Without using String API?

String s=”Coder Technologies”’

**package** string\_demo;

**public** **class** ReverseWithoutAPI

{

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

{

String s = "Coder Technology";

String reverse = "";

**for**(**int** i=s.length()-1;i>=0;i--)

{

reverse = reverse + s.charAt(i);

}

System.***out***.println(“Reverse of string is” +reverse);

}

}

**4.**Sort the following String characters without using String API?

String s=”Coder Technologies”

**package** string\_demo;

**public** **class** SortOfStringWithOUtUsingAPI

{

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

{

**char** temp;

String s = "Coder Technologies";

**char** []chars = s.toCharArray();

**for**(**int** i =0; i<chars.length;i++)

{

**for**(**int** j=0;j<chars.length;j++)

{

**if**(chars[j]>chars[i])

{

temp = chars[i];

chars[i] = chars[j];

chars[j] = temp;

}

}

}

**for**(**int** k=0;k<chars.length;k++)

{

System.***out***.print(chars[k]);

}

}

}

**5.** Sort the String with using String API?

String s=”Coder Technologies”

**package** string\_demo;

**import** java.util.Arrays;

**public** **class** SortOfStringWithApi {

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

{

String s = "Coder Technologies";

//String original = "edcba";

String[] s1 = s.split(" ");

**for**(String item:s1)

{

**char**[] chars = item.toCharArray();

Arrays.*sort*(chars);

String sorted = **new** String(chars);

System.***out***.print(" " +sorted);

}

}

}

**6.** Check whether the given string is palindrome or not?

String s=“DAD”;

**package** string\_demo;

**import** java.util.Scanner;

**public** **class** Palindrome {

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

{

String s = “DAD”, reverse = "";

**int** len;

**for**(**int** i= s.length()-1; i>=0; i--)

{

reverse = reverse + s.charAt(i);

}

**if**(input.equalsIgnoreCase(reverse))

{

System.***out***.println("String is palindrome");

}

**else**

{

System.***out***.println("String is not palindrome");

}

}

}

**7.** Reverse the words of following string using String API.

String s=”Coder Technologies vashi”

Answer should be s1=”vashi Technologies Coder”

**package** string\_demo;

**import** java.util.Arrays;

**public** **class** ReverseOfWordsUsingApi {

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

{

String str ="Coder Technologies Vashi";

//o/p = Vashi Technologies Coder

String[] s1 = str.split(" ");

**for**(**int** i=s1.length-1;i>=0;i--)

{

**if**(i == s1.length-1)

{

System.***out***.print(s1[i]);

}

**else**

{

System.***out***.print(" "+s1[i]);

}

}

}

}

**8.**Reverse the words of following string without using String API.

String s=”Coder Technologies vashi”

Answer should be s1=”vashi Technologies Coder”

//Reverse of words Without using string Api

**public** **class** ReverseOfWordsWithOutUsingApi {

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

{

String str ="Coder Technologies Vashi";

//o/p = Vashi Technologies Coder

String reversedString = "";

//Reverse each word's position

**char** []s1 = str.toCharArray();

**for** (**int** i = 0; i < s1.length; i++) {

reversedString =(i == s1.length - 1)? (s1[i] + reversedString): (" " + s1[i] + reversedString);

}

// Displaying the string after reverse

System.***out***.print("Reversed string : " + reversedString);

}

}

**9.**Split the following string into number of words.

String s=”Squad Infotech Nerul”

**10.** Find out the vowels in following string. Do not repeat the same vowel.

String s=”India is my country. I love my country”

Answer should be: I a o u e

**11.**Find out the rhyme words from following string

String s=”I got the job Then I saw the pot in window He love me a lot. Forget me not”

Answer should be: got pot lot not

**12.** Replace the string of number by digit in following string.

String s=”There were two balls in bucket. I picked up one ball and then I put three balls”

Answer should be: ”There were 2 balls in bucket. I picked up 1 ball and then I put 3 balls”

**13.**Check whether the given string is female name or male name (Assume general trend of having male and female names).

**14.**String str1=”CoderTechnologies”;

      String str2=new String(“CoderTechnologies”);

      String str3=str2.intern();

      What will be the answer of following comparison?

      1. str1==str2

      2. str1==str3

0