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Methods, Questions, Parashyoti - Microsoft Word

Questions for End-Term examination
ICP (Java Methods)
B.Tech, 1st Semester - 2021

Theory:

1. Advantages of using Java methods include -

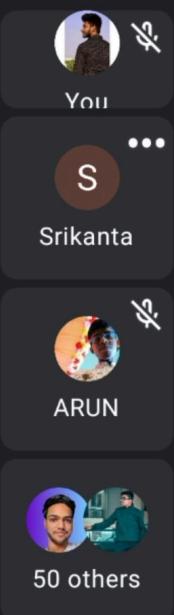
- a) improved readability
- b) re-usability of code
- c) problem decomposition
- d) All of the above.

Ans. d.

2. Which of the following is not a pre-defined method in Java?

- a) `printf()`
- b) `println()`
- c) `add()`
- d) None of the above.

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b) println()

c) add()

d) None of the above.

Ans. c.

3. Method Overloading is not possible with

a) different parameter type

b) different number of parameters

c) different return type

d) None of the above.

Ans. c.

Fill-in the blanks:

4. Choose the appropriate option to fill the blanks.

```
class Demo
{
    public static void main (String args[])
    {
        int a=5, b=6, c = add(a, b);
        System.out.println("The sum is = " + c);
    }
    public static _____ add(____ x, ____ y)
    {
        return x + y;
    }
}
```

a) int, int, int

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- c) void, void, void
d) None of the above.

Ans_a.

5. Select the appropriate option so that the below program runs without any error and prints 2.5.

```
class Demo
{
    public static void main (String args[])
    {
        System.out.println( div(5.0) );
    }
    public static _____ div(_____ x)
    {
        return x/2;
    }
}
```

- a) int, int
b) double, double
c) char, char

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d) None of the above.

Ans. a.

5. Select the appropriate option so that the below program runs without any error and prints 2.5.

```
class Demo
{
    public static void main (String args[])
    {
        System.out.println( div(5.0) );
    }
    public static _____ div(_____ x)
    {
        return x/2;
    }
}
```

- a) int, int
- b) double, double
- c) char, char
- d) None of the above.

Ans. b.

6. Select from the options to fill-in the blank so that the following program prints 65.

```
class Temp5
{
    public static void main (String args[])
    {
        int m = 5;
        char n = 'A';
        disp(_____);
    }
    public static void disp(int x)
```

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- c) char, char
d) None of the above.

Ans. b.

6. Select from the options to fill-in the blank so that the following program prints 65.

```
class Temp
{
    public static void main (String args[])
    {
        int m = 5;
        char n = 'A';
        disp(___);
    }
    public static void disp(int x)
    {
        int y = x;
        System.out.println(x);
    }
    public static void disp(char x)
    {
        int y = x;
        System.out.println(y);
    }
}
```

- a) m
b) n
c) x

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d) None of the above.

Ans. b.

Output related:

7. Select the appropriate output.

```
public class Demo
{
    public static void main (String args[])
    {
        System.out.println( message() );
    }
    public static int message()
    {
        return 1;
    }
}
```

a) message
b) message()
c) 1
d) None of the above.

Ans. c.

8. Guess the output of the following program.

```
public class MethodsJava
```

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d) None of the above.

Ans. c.

8. Guess the output of the following program.

```
public class MethodsJava
{
    public static void main (String args[])
    {
        for (int i = 0; i<=3;i++)
            cube(i);
    }
    public static void cube(int a)
    {
        System.out.print(a*a*a + " ");
    }
}
```

a) 0 1 8 27
b) 0 1 8
c) 1 8 27
d) None of the above.

Ans. a.

9. What will the following program print?



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Q. Given the output of the following program:

```
public class MethodsJava
{
    public static void main (String args[])
    {
        for (int i = 0; i<=3;i++)
            cube(i);
    }
    public static void cube(int a)
    {
        System.out.print(a*a*a + " ");
    }
}
```

- a) 0 1 8 27
- b) 0 1 8
- c) 1 8 27
- d) None of the above.

Ans.a.

9. What will the following program print?

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```
public class MethodOverloading
```



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```
public class MethodOverloading
{
    public static void display(int a)
    {
        System.out.println("Got Integer data.");
    }
    public static void display(String a)
    {
        System.out.println("Got String object.");
    }
    public static void main(String[] args)
    {
        display("1");
    }
}
```

a) Got Integer data.
b) Got String object.
c) 1
d) None of the above.

Ans.b.

10. Select the appropriate output of the below code

```
public class JavaMethod
{
    public static double area(double s)
    {
        return s*s;
    }
}
```

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a) Got Integer data.
b) Got String object.
c) 1
d) None of the above.

Ans. b.

10. Select the appropriate output of the below code

```
public class JavaMethod
{
    public static double area(double s)
    {
        return s*s;
    }
    public static void area(double r)
    {
        System.out.println("Area of the circle is " + Math.PI*r*r);
    }
    public static void main(String[] args)
    {
        area(1);
    }
}
```

a) Area of the circle is 3.141592653589793
b) 1
c) Compile-time error
d) None of the above.

Ans. c.

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Question-1:

- (P) In Java all arrays are dynamically allocated.
(Q) The array values are stored in non-contiguous memory locations.
(R) Java compiler automatically specifies the size by counting the number of elements.

Identify which of the following statement(s) is/are true:

- (a) Statement P and Statement R.
(b) Statement Q and Statement R.
(c) Statement P and Statement Q.
(d) None of these

ANSWER: - (a)

Question-2:

Age is a one-dimensional array as shown in the figure:

10	20	30	40	50
----	----	----	----	----

Identify which of the following statement is correct?

- (a) Age [1] + Age [5] = 60
(b) Age [2] + Age [5] = 90
(c) Age [1] + Age [4] = 70
(d) None of these

ANSWER: - (c)

Question-3:

Two students (Aditi and Ashish) are writing a java code to display the array elements. But they have written different code which is as follows.

Java code for Aditi: -

```
class Main {  
    public static void main ( String [] args ) {  
        int [] age = {12 , 4 , 5};
```

Java code for Ashish: -

```
class Main {  
    public static void main ( String [] args ) {
```



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Question-2:-

Age is a one-dimensional array as shown in the figure:

10	20	30	40	50
----	----	----	----	----

Identify which of the following statement is correct?

- (a) Age [1] + Age [5] = 60
- (b) Age [2] + Age [5] = 90
- (c) Age [1] + Age [4] = 70
- (d) None of these

ANSWER:- (e)

Question-3:-

Two students (Aditi and Ashish) are writing a java code to display the array elements. But they have written different code which is as follows.

Java code for Aditi:-

```
class Main {  
    public static void main ( String [ ] args ) {  
        int [ ] age = {12 , 4 , 5};  
        for ( int a : age )  
            System. out .println ( a );  
    }  
}
```

Java code for Ashish:-

```
class Main {  
    public static void main ( String [ ] args ) {  
        int [ ] age = {12 , 4 , 5};  
        for ( int a = 0; a < age.length; a++ )  
            System. out .println ( a );  
    }  
}
```

Identify which code is correct.

- (a) Code for Ashish is only correct.
- (b) Code for Aditi is only correct.
- (c) Code for Aditi and Ashish both are correct.
- (d) None of these.

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ANSWER:- (e)
OUTPUT Questions



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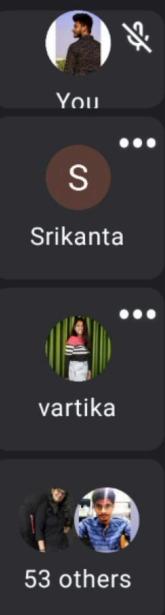
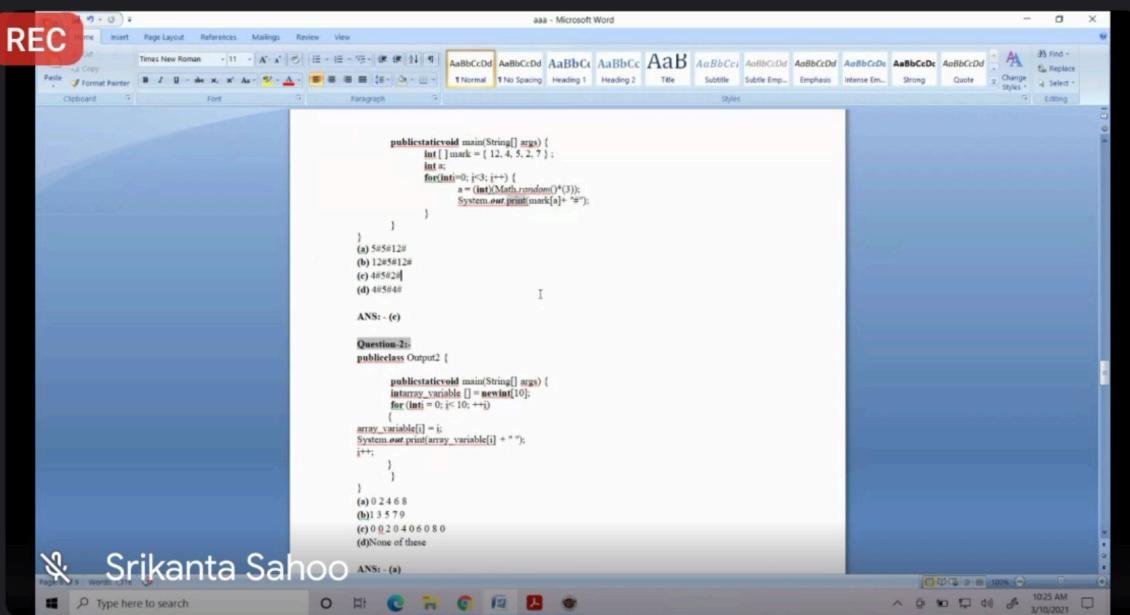


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ANS: - (a)

Question-3:-

```
public class Output3 {  
    public static void main(String[] args) {  
        int arr[] = new int[] { 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 };  
        int n = 6;  
        n = arr[n / 2];  
        System.out.println(arr[n / 2]);  
    }  
}
```

- (a) Compile time error
- (b) 1
- (c) 1.5
- (d) None of these

ANS: - (b)

Question-4:-

```
public static void main(String[] args) {  
    @array_variable [] = new char[10];  
}
```

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ANS: - (b)

Question-4:

```
public static void main(String[] args) {
    char array_variable [] = newchar[10];
    for (int i = 0; i < 10; ++i)
    {
        array_variable[i] = 'i';
        System.out.print(array_variable[i] + " ");
    }
}
```

- (a) iiii
- (b) iii
- (c) i null i null i null i null
- (d) None of these

ANS: - (b)

Assignment?Fill in the blanks Question

Question-1:

Fill in the blanks for the following code to find the average of the array elements.

```
import java.util.Scanner;
public class Question5 {
    public static void main(String[] args) {
        Scanner sc = newScanner(System.in);
        System.out.println("Enter number of elements present in the array");
        int N = sc.nextInt();
        double sum = 0;
```

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ANS: - (b)

Assignment?Fill in the blanks Question

Question-1:
Fill in the blanks for the following code to find the average of the array elements.

```
import java.util.Scanner;
public class Question5 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter number of elements present in the array");
        int N = sc.nextInt();
        double sum = 0;
        double [] mark = _____;
        for (int i = 0; i < N; i++) {
            mark[i] = Math.random();
            System.out.println("The " + (i+1) + " element of the array is " + mark[i]);
            _____
        }
        double avg = sum/N;
        System.out.println("Sum of the array elements " + sum);
        System.out.println("Average of the array elements " + avg);
        sc.close();
    }
}
```

(a) newdouble[N], sum += mark[i];
(b) newdouble[N], sum = mark[i];
(c) newdouble[], sum = mark[i];
(d) None of these

Question-2:
Fill in the blanks for the following code to find the largest among two numbers.

```
import java.util.Scanner;
```

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Fill in the blanks for the following code to find the largest among two numbers.

import java.util.Scanner;

```
public class Largest {  
    public static void main(String[] args) {  
        Scanner sc = new Scanner(System.in);  
        int large, size, i;  
        System.out.println("Enter the number of elements of the  
array");  
        size = sc.nextInt();  
        int arr[] = new int [size];  
        System.out.println("Enter array elements: ");  
        for (i = 0; i < size; i++) {  
            arr[i] = sc.nextInt();  
        }  
        large = arr[0];  
        for (i = 0; i < size; i++) {  
            if (arr[i] > large) {  
                large = arr[i];  
            }  
        }  
        System.out.println("The largest element is " + large);  
    }  
}
```

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```
public class Largest {  
    public static void main(String[] args) {  
        Scanner sc = new Scanner(System.in);  
        int large, size;  
        System.out.print("Enter the number of elements of the array");  
        size = sc.nextInt();  
        int arr[] = new int [size];  
        System.out.println("Enter array elements: ");  
        for (int i=0; i<size; i++)  
            arr[i] = sc.nextInt();  
  
        large = arr[0];  
        for (int i=0; i<size; i++) {  
            if (arr[i] > large) {  
                large = arr[i];  
            }  
        }  
        System.out.println("The largest element is " +large);  
    }  
  
      
      
    (a) arr[i], large<arr[i]  
    (b) arr, large<arr[i]  
    (c) arr[i], large>arr[i]  
    (d) None of these  
ANS: (a) arr[i], large<arr[i]
```

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Question 3:
Fill in the blanks for the following method to find the frequency of the element in the array
where the array elements lies between 1 to 100.

```
public static void countOccurrence(int[] list) {
    for (int i = 0; i <= 100; i++) {
        int count = 0;
        for (int j = 0; j <-----; j++) {
            -----;
            if (list[j] == i)
                -----
        }
        if (count != 0)
            System.out.printf("%d occurs %d %s", i, count, count > 1 ? "times"
                : "time");
    }
}
```

(a) `list.length - 1, count += 1`
(b) `list.length, count= 1`
(c) `list.length + 1, count+= 1`
(d) None of these

ANS: (a) `list.length - 1, count += 1` If

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Assign-7

new double(N), sum += mark[i];

1) (a)

2) (a)

3) (b) (a)

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1. Find the output of the given code.

```
public class demo1 {  
  
    public static void main(String args[])  
    {  
        String str = "Introduction to Java  
Programming";  
        char ch = str.charAt(3);  
        System.out.println(ch);  
    }  
  
}  
a) r  
b) t  
c) o
```

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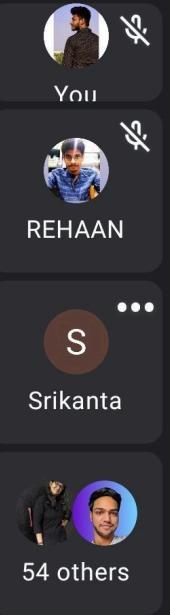
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2. Find the output of the given code snippet.

```
public class demo1 {  
    public static void main(String args[])  
    {  
        String str = "Computer Science";  
        String str1 = "computer science";  
        if (str.equals(str1))  
            System.out.println("Equal Case 1");  
        else  
            System.out.println("Not equal");  
    }  
}  
a) Equal case 1  
b) Not equal  
c) Compilation Error  
d) None of these
```

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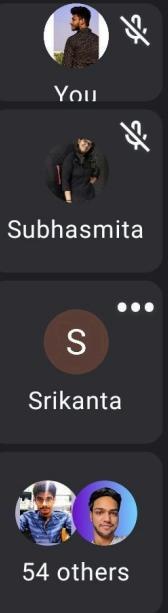
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public class demo1 {
 public static void main(String args[]){
 String str = "Introduction to computer
programming";
 System.out.print(str.indexOf("a")+",");
 System.out.print(str.indexOf("n")+",");
 System.out.print(str.lastIndexOf("a")+",");
 System.out.print(str.lastIndexOf("i"));;
 }
}
a) 30, 33, 30, 33
b) 32, 2, 30, 33
c) 30, 1, 30, 33
d) None of these

Ans b

What will be the output of the given java statement.

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4. What will be the output of the given java statement.

```
public class demo1 {  
    public static void main(String args[])  
    {  
        String s = "Java String ";  
        System.out.println(s.substring(5,3));  
    }  
}
```

a) St
b) a
c) Runtime Exception
d) None of these

Ans c

5. The predefined method in JAVA with a Scanner type variable to enter multiword String with space from keyboard is:

a) next()
b) nextLine()

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d) None of these

Ans c

5. The predefined method in JAVA with a Scanner type variable to enter multiword String with space from keyboard is:

a) next()
b) nextLine()
c) nextString()
d) none of these

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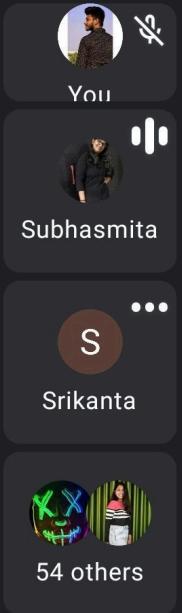
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Ans b

6. Which operator is used to concatenate two or more strings?

a) &

b) +

c) &&

d) None of these

Ans a

7. The method used to extract single character from string object is :

a) CharAt(value)

b) charAt(value)

c) indexOf (value)

d) None of these

8. Fill in blanks:

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8. Fill in blanks:

```
import java.util.Scanner;
public class demo1 {

    public static void main(String[] args)
    {
        String rev;
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter string: ");
        String s = sc.nextLine();
        rev = _____;
        System.out.println(rev);

    }
    public static String reverse (String s)
    {
        String rev="";
        for ( int i = s.length()-1; _____; i--)
            rev = rev + s.charAt(i);
    }
}
```

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```
String s = sc.nextLine();
rev = _____;
System.out.println(rev);

}
public static String reverse (String s)
{
String rev="";
for ( int i = s.length()-1; _____; i--)
rev = rev + s.charAt(i);
return rev;
}

a) reverse (s), i>=0
```

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b) reverse(), i>=0
c) reverse (), i<=0
d) None of these

Ans a

9. The given code snippet checks whether a string has digits or not. Fill in the blanks to complete the code.

```
import java.util.Scanner;
public class demo1 {
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a String: ");
        String str= sc.nextLine();
        if (hasNDigits(str))
            System.out.println("Has Digits");
        else
            System.out.println("Has No Digits");
    }
    static boolean hasNDigits(String str)
    {
    }
```

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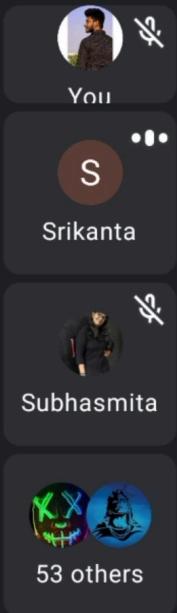
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9. The given code snippet checks whether a string has digits or not. Fill in the blanks to complete the code.

```
import java.util.Scanner;
public class demo1 {
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a String: ");
        String str = sc.nextLine();
        if (hasNDigits(str))
            System.out.println("Has Digits");
        else
            System.out.println("Has No Digits");
    }
    public static boolean hasNDigits(String string1)
    {
        int Digits = 0;
        for (int i = 0; i < _____; i++)
        {
            if (Character.isDigit(______))
        }
    }
}
```

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Tools StringQuestion_Ala... X

4 / 6

```
System.out.println("Has Digits");
else
    System.out.println("Has No Digits");
}
public static boolean hasNDigits(String string1)
{
int Digits = 0;
for (int i = 0; i < _____; i++)
{
if (Character.isDigit(_____))
{
Digits++;
}
if (_____)
{
return true;
}
}
return false;
}
```

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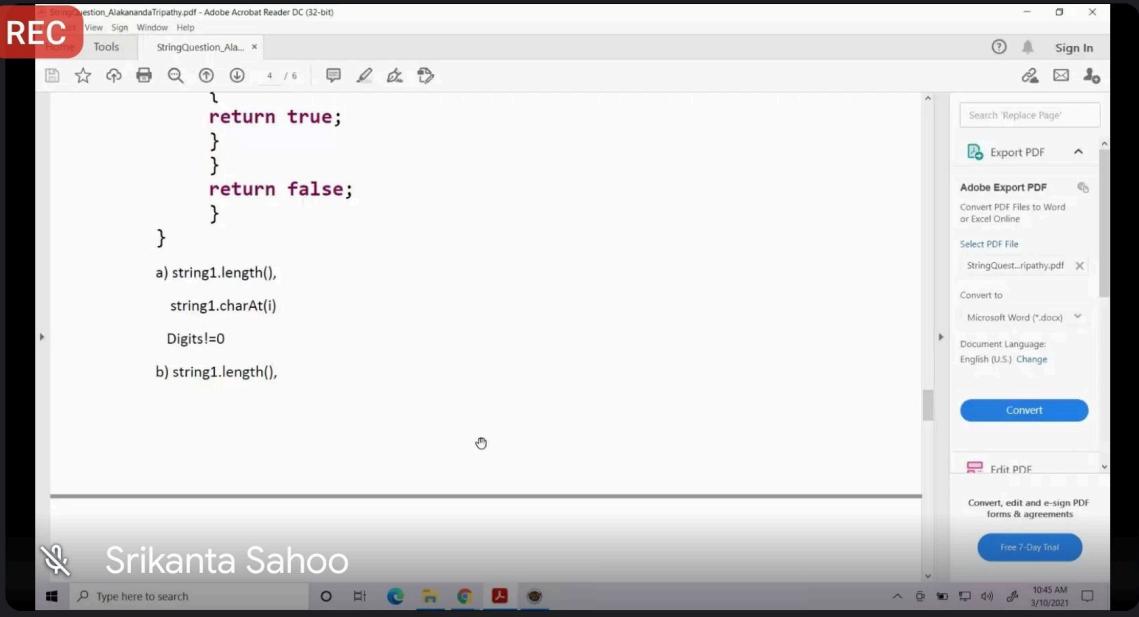
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StringQuestion_AlakanandaTripathy.pdf - Adobe Acrobat Reader DC (32-bit)

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Tools StringQuestion_Ala... X

5 / 6

string1.charAt(i)
Digits!=0
b) string1.length(),

string1.charAt(i)
Digits>0
c) Both a and b
d) None of these

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137% 1045 AM 3/10/2021

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Tools StringQuestion_Ala... X

5 / 6

10. The given code snippet counts the occurrence of character in string. Fill in the blanks to complete the code.

```
import java.util.Scanner;
public class demo1 {
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter a String: ");
        String str = sc.nextLine();
        System.out.println("Enter the character to be
searched");
        char c=_____;
        int numberofoccurrence=countOccurrence(str,c);
        System.out.println("The number of occurrence of"+
c+ " is "+numberofoccurrence);
    }
    public static int countOccurrence(String string,char
ch)
    {
        _____;
    }
}
```

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Tools StringQuestion_Ala... X

Scanner sc = new Scanner(System.in);
System.out.print("Enter a String: ");
String str = sc.nextLine();
System.out.println("Enter the character to be
searched");
char c=_____;
int numberofoccurrence=countOccurrence(str,c);
System.out.println("The number of occurrence of"+
c+ " is "+numberofoccurrence);
}
public static int countOccurrence(String string,char
ch)
{
int c = 0;
for (int i = 0; i < string.length(); i++)
{
if(_____
c++;
}
}

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Convert to: Microsoft Word (.docx)

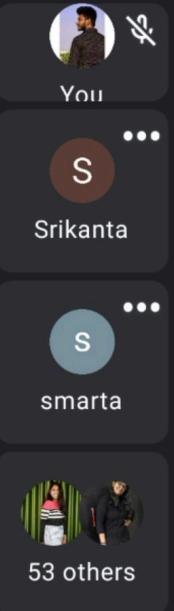
Document Language: English (U.S.) Change

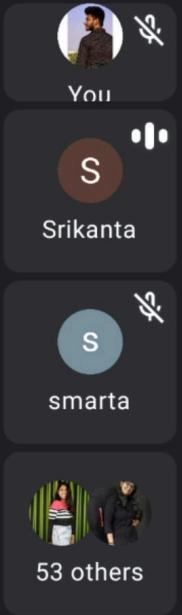
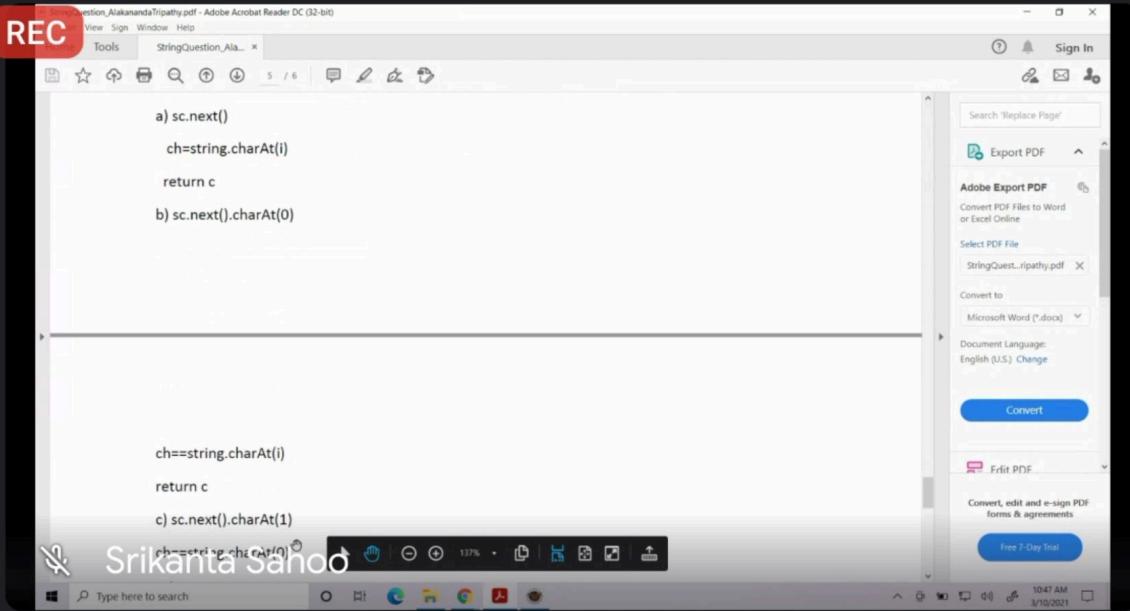
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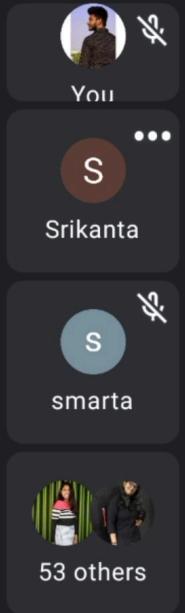
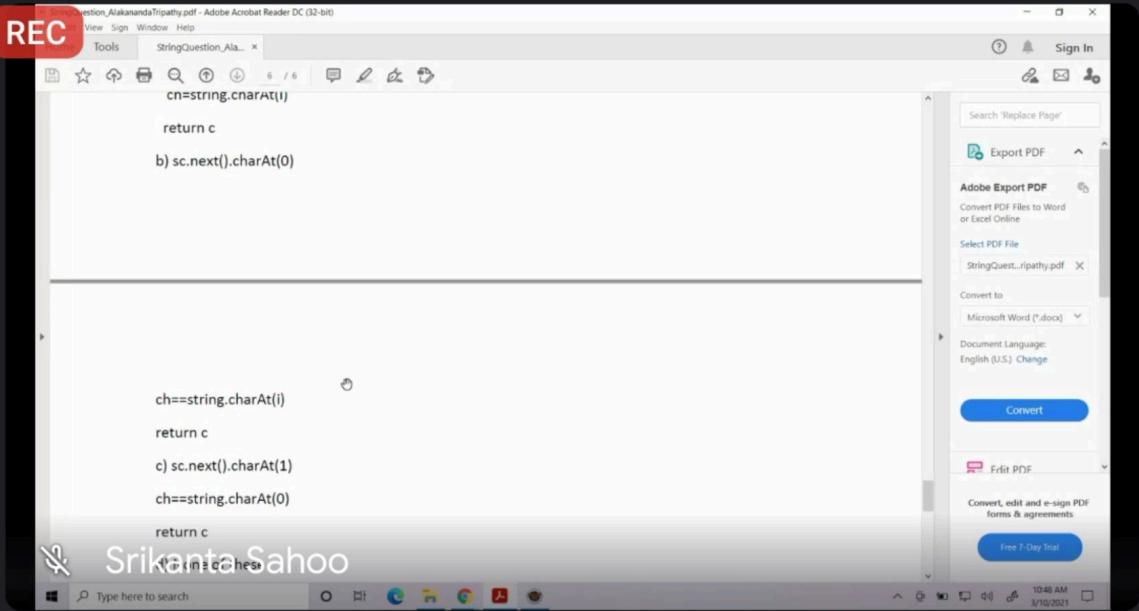
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- ~~1) (a)~~
- 2) (b)
- 3) (c)
- 4) (c)
- 5) (b)
- 6) (b) '+'
- 7) (b)
- 8) (a) ~~yes no~~

- 9) ~~(a)~~ (c) both (a) & (b)
- 10) (d)

```
class MethodsTest
{
    public static void main(String s[])
    {
        int a = 34;
        int b = 56;
        int c = sum(a, b);
        System.out.println("c = " + c);
    }

    public static int sum(int a, int b)
    {
        System.out.println("a = " + a + " b = " + b);
        return a + b;
    }
}

class Equation1
{
    public static void main(String s[])
    {
        int x = 6;
    }
}
```

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The screenshot shows the Eclipse IDE interface with the following details:

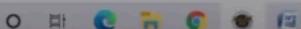
- Package Explorer:** Shows the project structure with packages like Array, Assign4, and JRE System Library [JavaSE-14].
- Test.java:** The active editor contains the following Java code:

```
1 public class Test {  
2     public static void main(String[] args) {  
3         int x = 6;  
4         int y = 3;  
5         int z = 12;  
6  
7         int w = method1(x, y, z);  
8  
9         System.out.println("w = " + w);  
10    }  
11  
12    public static int method1(int y, int z, int x)  
13    {  
14        return (x * z) / y;  
15    }  
16 }  
17  
18 //Enhanced for loop, for-each loop  
19  
20 }
```
- Console:** Displays the output of the Java application: `w = 6`.
- Bottom Status Bar:** Shows the date and time: Mar 10, 2021, 10:52:56 AM - 10:52:56 AM.



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10:53 AM 3/10/2021

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure with packages like Array, Assign4, and src containing various Java files (A4Q1.java through A4Q15.java, Test.java, TestDecimalPoint.java) and other project-related files.
- Code Editor:** Shows the Java code for `Test.java`. The code defines a `Test` class with a `main` method and a `sum` static method. The `main` method initializes `a` to 34, `b` to 56, and `c` to 0. It then calls `sum(a, b)` and prints the result. The `sum` method adds `a` and `b`, prints the intermediate value, and then prints the final sum `c`.
- Console:** Shows the terminal output of the Java application. The output is:

```
a = 34 b = 56
c = 0
c = 90
```
- Status Bar:** Shows the user's name as "Srikanta Sahoo", the current time as "7:38 [9]", and the date/time of the run as "Mar 10, 2021, 10:54:54 AM - 10:54:54 AM".

REC

Eclipse IDE - Assign4/src/Test.java - Eclipse IDE

Source Refactor Navigate Search Project Run Window Help

Package Explorer

src

```
1 public class Test {  
2     public static void main(String[] args) {  
3         int a = 34;  
4         int b = 56;  
5         int c = sum(a, b);  
6         System.out.println("c = " + c);  
7     }  
8  
9     public static int sum(int a, int b)  
10    {  
11        System.out.println("a = " + a + " b = " + b);  
12        c = a + b;  
13    }  
14}  
15  
16  
17  
18 //Enhanced for loop, for-each loop  
19  
20
```

Problems Javadoc Declaration Console

<terminated> Test (6) [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (Mar 10, 2021, 10:54:54 AM – 10:54:54 AM)

a = 34 b = 56
c = 90
c = 0

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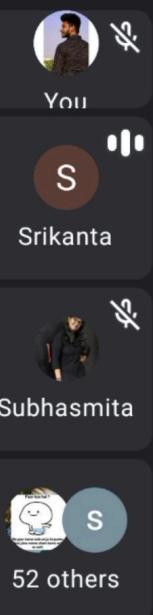
Method - Microsoft Word

```
class MethodsTest
{
    public static void main(String s[])
    {
        int a = 34;
        int b = 56;
        int c = sum(a, b);
        System.out.println("c = " + c);
    }

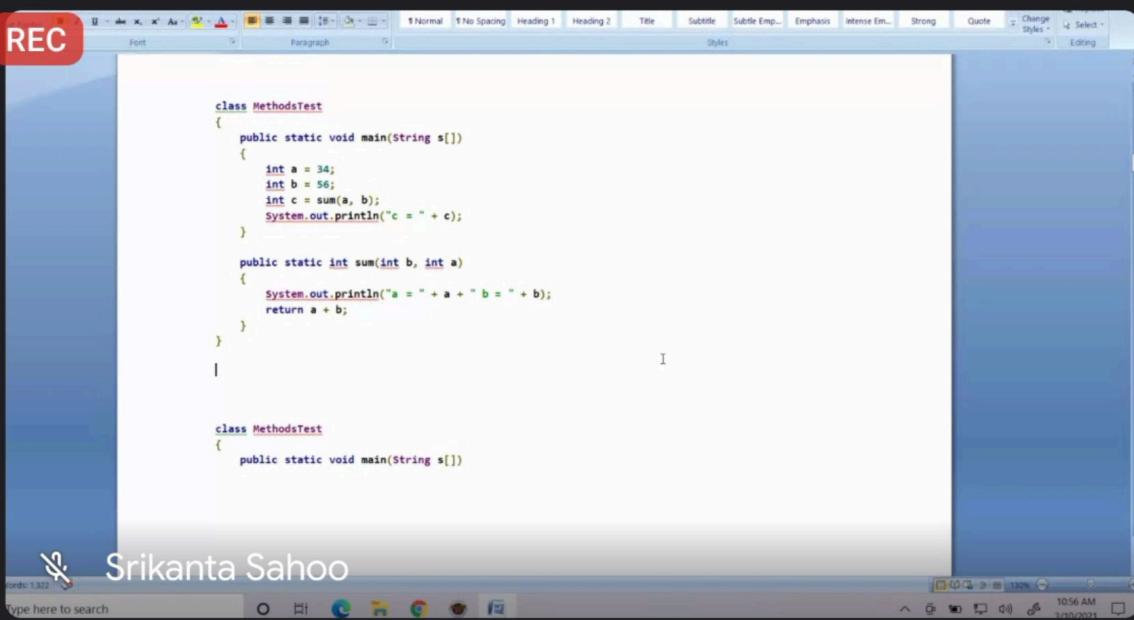
    public static int sum(int b, int a)
    {
        System.out.println("a = " + a + " b = " + b);
        return a + b;
    }
}

class MethodsTest
{
    public static void main(String s[])
}
```

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REC



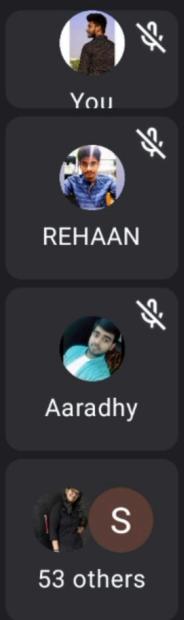
The screenshot shows a Microsoft Word document window titled "MethodsTest.java". The document contains Java code for a class named "MethodsTest" with a main method and a sum method. The code is color-coded for syntax. The status bar at the bottom shows "Words: 5,322" and the date "3/10/2021".

```
class MethodsTest
{
    public static void main(String s[])
    {
        int a = 34;
        int b = 56;
        int c = sum(a, b);
        System.out.println("c = " + c);
    }

    public static int sum(int b, int a)
    {
        System.out.println("a = " + a + " b = " + b);
        return a + b;
    }
}

class MethodsTest
{
    public static void main(String s[])
}
```

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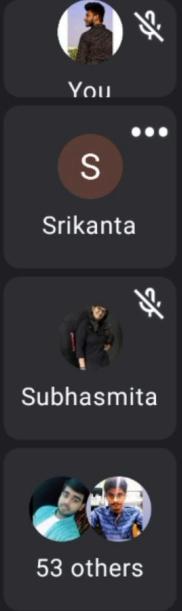


REC

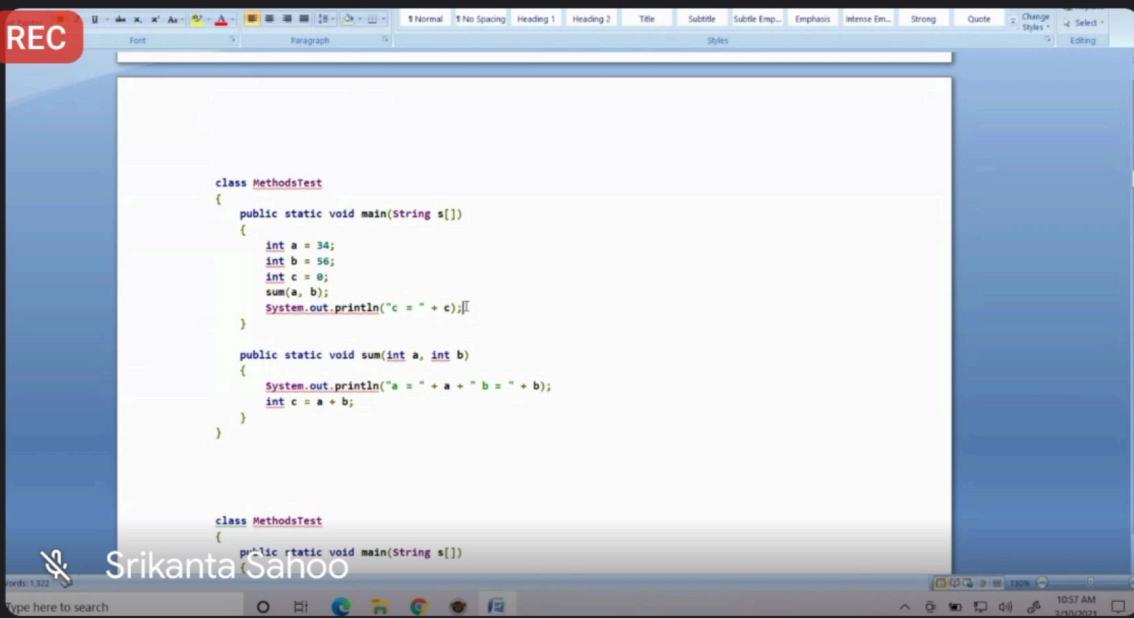
```
class MethodsTest
{
    public static void main(String s[])
    {
        int a = 34;
        int b = 56;
        int c = 0;
        sum(a, b);
        System.out.println("c = " + c);
    }

    public static void sum(int a, int b)
    {
        System.out.println("a = " + a + " b = " + b);
        int c = a + b;
    }
}
```

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REC

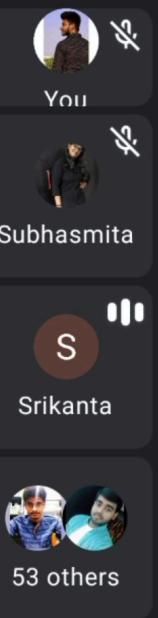


The screenshot shows a Microsoft Word document window with a red 'REC' button in the top-left corner. The document contains Java code for a class named 'MethodsTest'. The code includes a main method that initializes variables a, b, and c, calls a sum method, and prints the result. It also includes a sum method that adds two integers and prints the sum. The code is displayed in a monospaced font.

```
class MethodsTest
{
    public static void main(String s[])
    {
        int a = 34;
        int b = 56;
        int c = 0;
        sum(a, b);
        System.out.println("c = " + c);
    }

    public static void sum(int a, int b)
    {
        System.out.println("a = " + a + " b = " + b);
        int c = a + b;
    }
}

class MethodsTest
{
    public static void main(String s[])
}
```

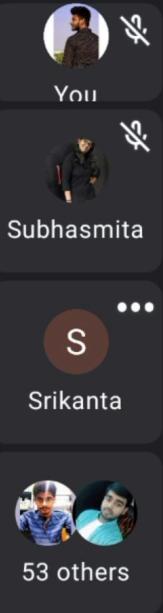


REC

```
class MethodsTest
{
    public static void main(String s[])
    {
        float m = 34;
        float n = 56;
        float o = sum(m, n);
        System.out.println("o = " + o);
    }

    public static void sum(float m, float n)
    {
        System.out.println("m = " + m + " n = " + n);
        return m + n;
    }
}

class MethodsTest
{
    public static void main(String s[])
    {
        float m = 34;
        float n = 56;
        int o = sum(m, n);
        System.out.println("o = " + o);
    }
}
```



REC

```
class MethodsTest
{
    public static void main(String s[])
    {
        float m = 34;
        float n = 56;
        float o = sum(m, n);
        System.out.println("o = " + o);
    }

    public static float sum()
    {
        System.out.println("m = " + m + " n = " + n);
        return m + n;
    }
}

class MethodsTest
{
    public static void main(String s[])
    {
        float m = 34;
        float n = 56;
        float o = sum(m, n);
        System.out.println("o = " + o);
    }

    public static float sum()
    {
        System.out.println("m = " + m + " n = " + n);
        return m + n;
    }
}
```



REC

146 - Assign4/src/Test.java - Eclipse IDE

Source Refactor Navigate Search Project Run Window Help

Package Explorer Test.java

```
1 public class Test {  
2     public static void main(String[] args) {  
3         float m = 34;  
4         float n = 56;  
5         double x = 21.0;  
6         double y = 98.0;  
7         boolean b = m < n;  
8         int o = (int) operate(m, n, x, y, b);  
9         System.out.println("o = " + o);  
10    }  
11  
12    public static double operate(double d1, double d2, double d3, double d4, boolean d5)  
13    {  
14        System.out.println("d1 = " + d1 + " d2 = " + d2);  
15        System.out.println("d3 = " + d3 + " d4 = " + d4);  
16        return d5 ? d1 + d2 : d3 - d4;  
17    }  
18 }  
19  
20
```

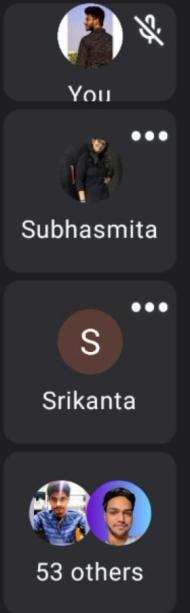
Problems Javadoc Declaration Console

<terminated> Test (6 Java Application) C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (Mar 10, 2021, 11:02:34 AM - 11:02:36 AM)

d1 = 34.0 d2 = 56.0
d3 = 21.0 d4 = 98.0
o = 90

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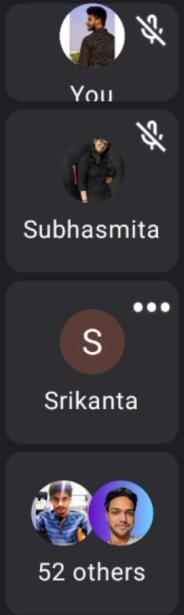
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REC

```
1 public class Test {
2     static boolean Oka(char c)
3     {
4         System.out.print(c + " ");
5         return true;
6     }
7
8     public static void main(String[] args)
9     {
10        int i = 0;
11
12        for (Oka('A'); (i < 2) && Oka('B'); Oka('C'))
13        {
14            i++;
15            Oka('D');
16        }
17    }
18 }
19
20
```

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REC

146 - Assign4/src/Test.java - Eclipse IDE

Source Refactor Navigate Search Project Run Window Help

Package Explorer Test.java

```
1 public class Test {  
2     public static void main(String[] args)  
3     {  
4         for (int i = 0; i < 8; i += 2) {  
5             method(i);  
6             System.out.print(i);  
7         }  
8     }  
9  
10    private static void method(int i) {  
11        for (int j = 0; j < i; j++, i--) {  
12            System.out.print(" " + i + "~" + j + " ");  
13        }  
14    }  
15 }  
16  
17 |  
18  
19
```

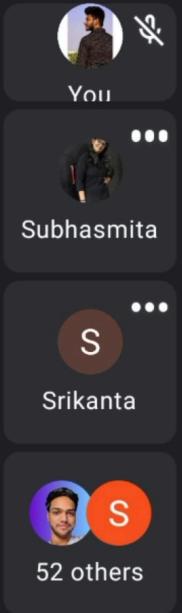
Problems Javadoc Declaration Console

<terminated> Test (Java Application) C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (Mar 10, 2021, 11:13:04 AM – 11:13:05 AM)

0 2~0 4~0 3~1 4~6~0 5~1 4~2

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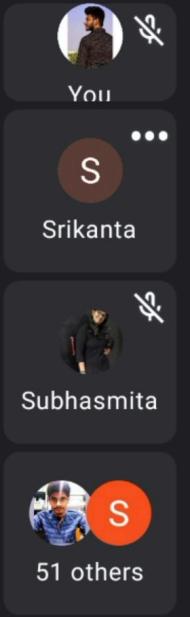
Type here to search



REC

```
1 public class Test {
2     public static void main(String[] args)
3     {
4         String song = "good";
5         String talk = "feel";
6         String feel = "walk";
7         getOutput(talk, "song", feel);
8     }
9     public static void getOutput(String hear, String good, String song)
10    {
11        good = "" + song + " " + hear + " " + good;
12        System.out.println("to " + hear + " the " + song + " is " + good);
13    }
14}
```

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REC

Eclipse IDE - Assign4/src/Test.java - Eclipse IDE

Source Refactor Navigate Project Run Window Help

Package Explorer

src

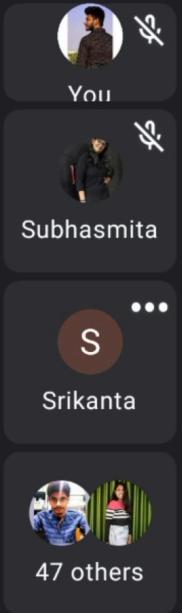
```
1 public class Test {  
2     private static String function()  
3     {  
4         return ("GFG");  
5     }  
6     public final static String function(int data)  
7     {  
8         return ("GeeksforGeeks");  
9     }  
10    public static void main(String[] args)  
11    {  
12        Test obj = new Test();  
13        System.out.println(function());  
14    }  
15}  
16 }  
17  
18 |  
19  
20
```

Problems Declaration Console

terminated: Test (6) [Java Application] C:\Program Files\Java\dk-15.0.1\bin\javaw.exe (Mar 10, 2021, 11:22:48 AM – 11:22:50 AM)
GFG

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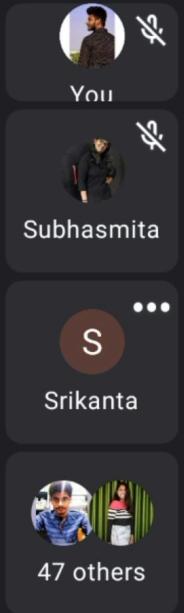
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REC

```
1 public class Test {  
2     private String function(String temp, int data)  
3     {  
4         return ("GFG");  
5     }  
6     private String function(int data, String temp)  
7     {  
8         return ("GeeksforGeeks");  
9     }  
10    public static void main(String[] args)  
11    {  
12        Test obj = new Test();  
13        System.out.println(obj.function(4, "GFG"));  
14    }  
15}  
16 }  
17  
18  
19 |  
20
```

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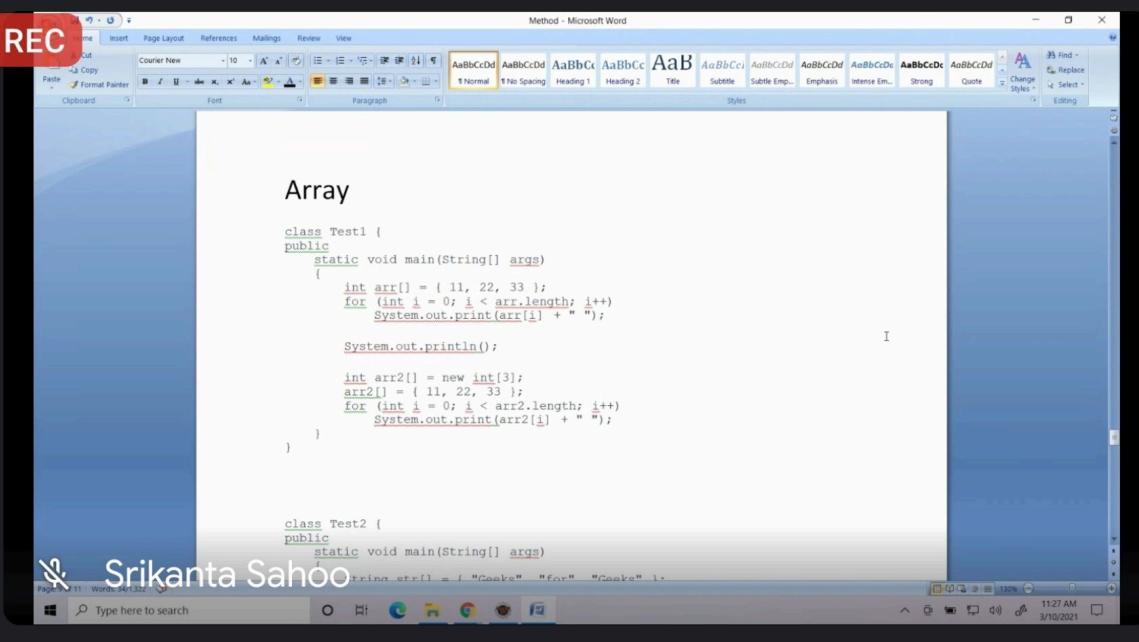


REC

```
1 public class Test {  
2     private String function(float i, int f)  
3     {  
4         return ("gfg");  
5     }  
6     private String function(double i, double f)  
7     {  
8         return ("GFG");  
9     }  
10    public static void main(String[] args)  
11    {  
12        Test obj = new Test();  
13        System.out.println(obj.function(1., 20));  
14    }  
15}  
16  
17 }
```

Srikanta Sahoo

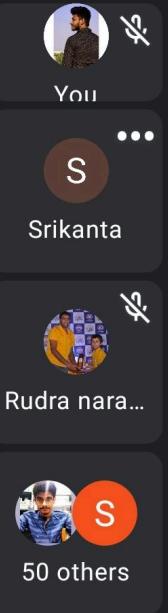




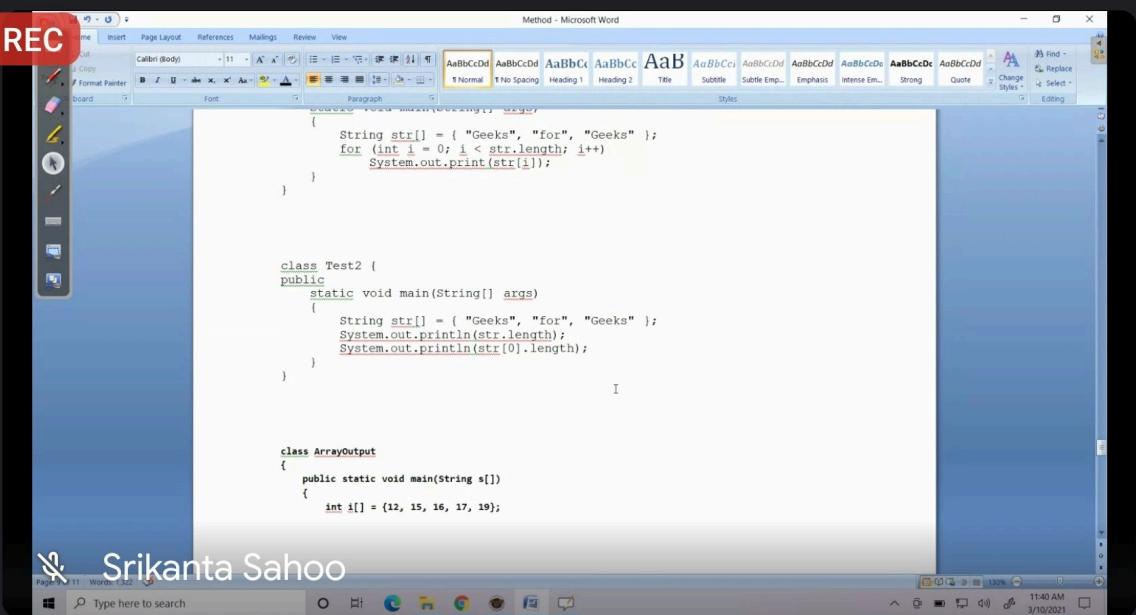
REC

```
11 22 33
0 0 0
```

The screenshot shows the Eclipse IDE interface with a Java project named "Assignment4". The "Test.java" file is open in the editor. The code prints the elements of two arrays: `arr[]` and `arr2[]`. The output window shows the expected results: `11 22 33` and `0 0 0`.



REC



```
class Test1 {
    public static void main(String[] args)
    {
        String str[] = { "Geeks", "for", "Geeks" };
        for (int i = 0; i < str.length; i++)
            System.out.print(str[i]);
    }
}

class Test2 {
    public static void main(String[] args)
    {
        String str[] = { "Geeks", "for", "Geeks" };
        System.out.println(str.length);
        System.out.println(str[0].length());
    }
}

class ArrayOutput
{
    public static void main(String s[])
    {
        int i[] = {12, 15, 16, 17, 19};
    }
}
```



You



Srikanta



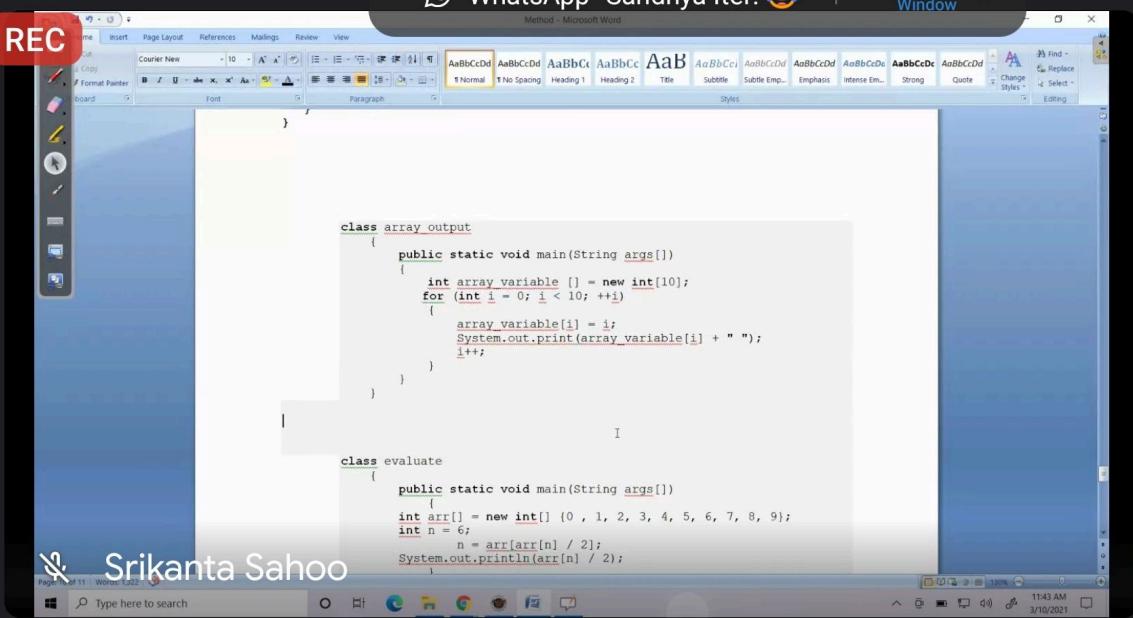
REHAAN



49 others

REC

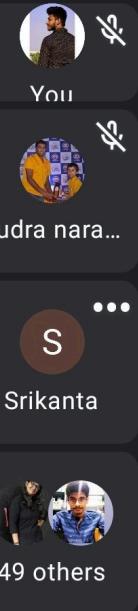
WhatsApp Sandhya Iter: 😊 | Reply in Floating Window

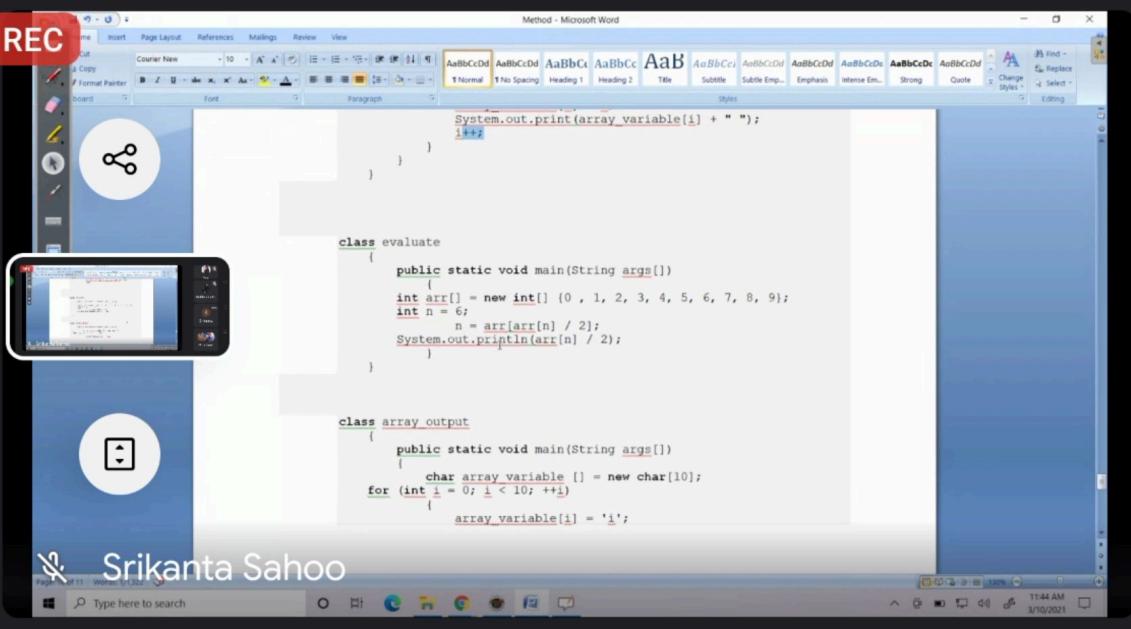


```
class array_output
{
    public static void main(String args[])
    {
        int array_variable [] = new int[10];
        for (int i = 0; i < 10; ++i)
        {
            array_variable[i] = i;
            System.out.print(array_variable[i] + " ");
        }
    }
}

class evaluate
{
    public static void main(String args[])
    {
        int arr[] = new int[] { 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 };
        int n = 6;
        n = arr[n] / 2;
        System.out.println(arr[n] / 2);
    }
}
```

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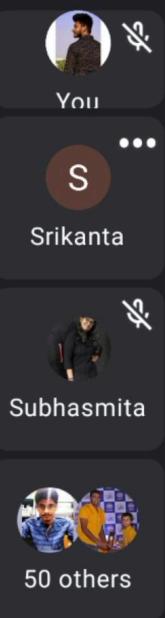
REC

Method - Microsoft Word

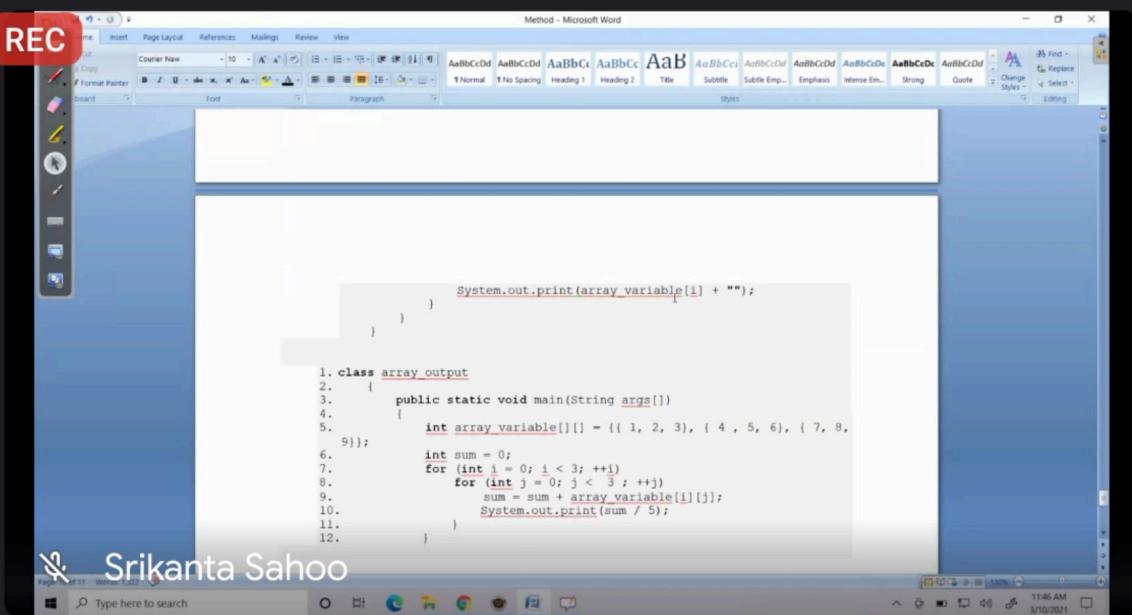
```
class array_output
{
    public static void main(String args[])
    {
        char array_variable [] = new char[10];
        for (int i = 0; i < 10; ++i)
        {
            array_variable[i] = 'i';
        }
        System.out.print(array_variable[i] + "");
    }
}

1. class array_output
```

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REC



```
System.out.print(array_variable[1] + "");  
}  
  
}  
  
1. class array_output  
2. {  
3.     public static void main(String args[])  
4.     {  
5.         int array_variable[][] = {{ 1, 2, 3}, { 4 , 5, 6}, { 7, 8,  
9}};  
6.         int sum = 0;  
7.         for (int i = 0; i < 3; ++i)  
8.             for (int j = 0; j < 3 ; ++j)  
9.                 sum = sum + array_variable[i][j];  
10.            System.out.print(sum / 5);  
11.        }  
12.    }
```

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You



Srikanta



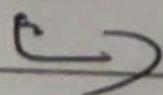
Subhasmita



50 others

①

error



11 22 33
0 0 0

②

Greek for Greeks

③

error

④

0 2 4 6 8

5 & 6 not discussed

⑦

iiiiiiiiii (10 times)