



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM

Lecture

100.0%

Score 260.00/260



Intro To Two Dimensional Arrays



Number of elements ●

10.0/10



2-d Array ●

10.0/10



Basics of 2d arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Input And Printing 2d Array



Fill the output ●

10.0/10



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays

Number of elements

[Send Feedback](#)

How many elements are present in a two dimensional array `arr[2][5]`?

Options

☐ 4☐ 7☒ 10 ✓☐ 3

Correct Answer



< PREVIOUS

> NEXT

SUBMIT



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



Number of elements ●

10.0/10



2-d Array ●

10.0/10



Basics of 2d arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Input And Printing 2d Array



Fill the output ●

10.0/10



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10

2-d Array

[Send Feedback](#)

How can we access the last element in last row in a 5*5 2-D array arr?

```
int arr[][]=new int[5][5];
```

Row number and element count starts from 0.

Options

☐ arr[5][5]☒ arr[4][4] ✓☐ arr[4][5]☐ arr[5][4]

Correct Answer



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



Basics of 2d arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Input And Printing 2d Array



Fill the output ●

10.0/10



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static void main (String[] args) {  
    int arr[][]=new int[4][5];  
    for(int i=0;i<5;i++)  
    {  
        arr[i][0]=2;  
    }  
    System.out.print(arr[3][0]);  
}
```

Options

☐ 0☐ 2☒ Error ✓

Correct Answer



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM

Basics of 2d arrays

Predict the output 10.0/10

Predict the output 10.0/10

Input And Printing 2d Array

Fill the output 10.0/10

How 2D Arrays Are Stored?

Predict the output 10.0/10

Length of 2-d array 10.0/10

Predict the output 10.0/10

Functions With 2d Arrays

Row Wise Sum 40.0/40

Return type 10.0/10

Predict the output 10.0/10

Predict the output 10.0/10

Largest Column Sum

10.0/10

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static void main (String[] args) {  
    int arr[][]=new int[4][5];  
    for(int i=0;i<4;i++)  
    {  
        for(int j=0;j<5;j++)  
            arr[i][j]=i*j;  
    }  
    System.out.print(arr[3][4]);  
}
```

Options

☒ 12 ✓☐ 10☐ 14☐ 7

Correct Answer



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM

Predict the output

Input And Printing 2d Array

Fill the output 10.0/10

How 2D Arrays Are Stored?

Predict the output 10.0/10

Length of 2-d array 10.0/10

Predict the output 10.0/10

Functions With 2d Arrays

Row Wise Sum 40.0/40

Return type 10.0/10

Predict the output 10.0/10

Predict the output 10.0/10

Largest Column Sum

Largest Row or Column 80.0/80

More About 2D Arrays

10.0/10

Fill the output

Send Feedback

What will be the output of the following code?

```
public static void main(String[] args)
{
    int[][] arr = new int [2][2];
    for (int i = 0; i < 2; i++) {
        for (int j = 0; j < 2; j++) {
            System.out.print(arr[i][j] + " ");
        }
    }
}
```

Answer

Type here

0 0 0 0



Correct Answer





Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM

Predict the output

How 2D Arrays Are Stored?

Predict the output ● 10.0/10

Length of 2-d array ● 10.0/10

Predict the output ● 10.0/10

Functions With 2d Arrays

Row Wise Sum ● 40.0/40

Return type ● 10.0/10

Predict the output ● 10.0/10

Predict the output ● 10.0/10

Largest Column Sum

Largest Row or Column ● 80.0/80

More About 2D Arrays

Predict the output ● 10.0/10

Predict the output ● 10.0/10

Predict the output ● 10.0/10

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static void main(String[] args)
{
    int[] arr = { { 1, 2 }, { 3, 4 } };
    System.out.println(arr[0][0]+arr[1][1]);
}
```

Answer

Type here

5



Correct Answer





Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Length of 2-d array



Send Feedback

Select the correct option to get number of rows in a 2-d array(arr)?

Options

☒ arr.length ✓☐ arr[0].length☐ arr[].length☐ arr[].row

Correct Answer



< PREVIOUS

> NEXT

SUBMIT



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Predict the output

[Send Feedback](#)

What will be the output of the following code?

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

Options

☐ 5☐ 6☐ 7☒ 8 ✓

Correct Answer



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM

- How 2D Arrays Are Stored?
- Predict the output 10.0/10
- Length of 2-d array 10.0/10
- Predict the output 10.0/10
- Functions With 2d Arrays
- Row Wise Sum 40.0/40
- Return type** 10.0/10
- Predict the output 10.0/10
- Predict the output 10.0/10
- Largest Column Sum
- Largest Row or Column 80.0/80
- More About 2D Arrays
- Predict the output 10.0/10
- Predict the output 10.0/10
- Declare a 2-d array 10.0/10

Return type

[Send Feedback](#)

What should be the return type of a function that returns a 2-d array?

Options

- ☐ int
- ☐ int []
- ☒ int [][] ✓

Correct Answer





Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static int fun(int[][] arr2d)
{
    int sum=0;
    for(int i=0;i<arr2d.length;i++)
    {
        for(int j=0;j<arr2d[i].length;j++)
        {
            sum+=arr2d[i][j];
        }
    }
    return sum;
}
public static void main(String[] args)
{
    int[][] arr = { {0,1,2,4,5}, {3,4,5,6,7},{5,6,7,8,9} };
    System.out.println(fun(arr));
}
```

Options

☐ 48☐ 56☐ 63☒ 72 ✓

Correct Answer



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Intro to Redux

Predict the output

Send Feedback

What will be the output of the following code?

```
public static void fun(int[][] arr2d)
{
    for(int i=0;i<arr2d.length;i++)
    {
        for(int j=0;j<arr2d[i].length;j++)
        {
            arr2d[i][j]=2*i+j;
        }
    }
}
public static void main(String[] args)
{
    int[][] arr = new int[2][2];
    fun(arr);
    for(int i=0;i<2;i++)
    {
        for(int j=0;j<2;j++)
        {
            System.out.print(arr[i][j]+" ");
        }
    }
}
```

Options

☐ 0 0 0 0☒ 0 1 2 3 ✓☐ 1 2 3 4☐ 0 1 1 2

Correct Answer

< PREVIOUS

> NEXT

SUBMIT



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Intro to Redux

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static void main (String[] args) {  
    int arr[][]={ {1,2,3,4} , {2,4} , {3,5,7,8,9,11} };  
    System.out.print(arr.length+arr[0].length+  
        arr[1].length+arr[2].length);  
}
```

Options

☐ 12☐ 13☒ 15 ✓☐ 17

Correct Answer

< PREVIOUS

> NEXT

SUBMIT



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Intro to Redux

Predict the output

[Send Feedback](#)

What will be the output of the following code?

```
public static void main (String[] args) {  
    int arr[][]=new int [4][];  
    System.out.print(arr[2].length);  
}
```

Options

- ☐ 0
- ☒ Null Pointer Exception ✓
- ☐ Garbage Value
- ☐ An Integer address

Correct Answer

< PREVIOUS

> NEXT

SUBMIT



Two Dimensional Arrays

Deadline

Mar 14, 2021, 11:59 PM



How 2D Arrays Are Stored?



Predict the output ●

10.0/10



Length of 2-d array ●

10.0/10



Predict the output ●

10.0/10



Functions With 2d Arrays



Row Wise Sum ●

40.0/40



Return type ●

10.0/10



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Largest Column Sum



Largest Row or Column ●

80.0/80



More About 2D Arrays



Predict the output ●

10.0/10



Predict the output ●

10.0/10



Declare a 2-d array ●

10.0/10

Intro to Redux

Declare a 2-d array

Send Feedback

How can we declare a 2d array with 4 rows but the number of columns in each row are not set?

Options

☒ `int a[][]=new int [4] [];` ✓☐ `int a[]=new int[4] [];`☐ `int a[][]=new int[4];`☐ `int a[][]=new int [][4];`

Correct Answer

< PREVIOUS

> NEXT

SUBMIT