A one-dimensional array of one-dimensional arrays is called?

Options:

- ○ Multi-dimensional array
- ○ Multi-casting array
- ◉ Two-dimensional array
- ○ Three-dimensional array

✔ Correct Answer

Let A be a square matrix of size n x n. What is the expected output?

```
C = 100
for i = 1 to n do
    for j = 1 to n do {
        Temp = A[i][j] + C
        A[i][j] = A[j][i]
        A[j][i] = Temp - C
    }

for i = 1 to n do
    for j = 1 to n do
        Output(A[i][j]);
```

Options:

- ◉ The matrix A itself
- ○ Transpose of matrix A
- ○ Adding 100 to the upper diagonal elements and subtracting 100 from diagonal elements of A
- ○ None of the above

✔ Correct Answer

Which of these is necessary to specify when initialising an array?

Options:

- (●) Row
- ( ) Column
- ( ) Both Row and Column
- ( ) None of the mentioned

Correct Answer

What is the output of the following code?

```
public class multidimention_array {
    public static void main(String args[]) {
        int arr[][] = new int[3][];
        arr[0] = new int[1];
        arr[1] = new int[2];
        arr[2] = new int[3];
        int sum = 0;
        for (int i = 0; i < 3; ++i)
            for (int j = 0; j < i + 1; ++j)
                arr[i][j] = j + 1;
        for (int i = 0; i < 3; ++i)
            for (int j = 0; j < i + 1; ++j)
                sum + = arr[i][j];
        System.out.print(sum);
    }
}
```

Options:

- ○ 11
- ◉ 10
- ○ 13
- ○ 14

✔ Correct Answer

What is the output of the following code?

```
public class Test {
    public static void main(String args[]) {
        int arr[2];
        System.out.println(arr[0] + " " + arr[1]);
    }
}
```

Options:

- 0 0
- Garbage value Garbage value
- Compiler Error
- Exception

Correct Answer