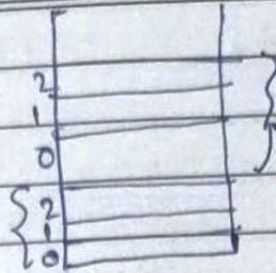


2D Array

C++

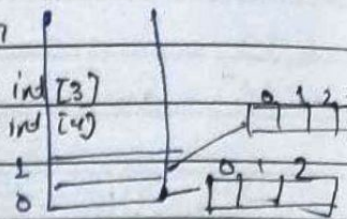
DATE

① `int [2][3] arr;`



② `int * (2) arr;`

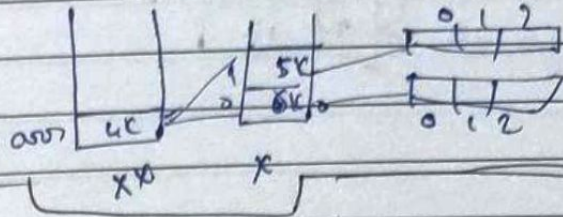
`arr[0] = new int [3];`
`arr[1] = new int [4];`



③ `int ** arr = new int * [2];`

`arr[0] = new int [3];`

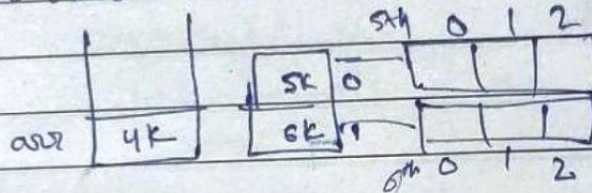
`arr[1] = new int [3];`



Java

① Rectangular Array

`int [2][3] arr = new int [2][3];`

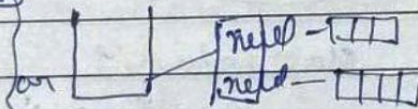


② Jagged Array [Do not declare second array]

① `int [2][3] arr = new int [2][3];`

`arr[0] = new int [3];`

`arr[1] = new int [4];`



```
import java.util.*;
public class Main {
    public static void main (String[] args) {
        for (int i=0; i<arr.length; i++) {
            for (int j=0; j<arr[i].length; j++) {
                System.out.print (arr[i][j]);
            }
        }
    }
}
```

public static void main (String[] args)

`int [2][3] arr = new int [2][3];`

`arr[0] = new int [3];`

`arr[1] = new int [4];`

`arr[0][0] = 1;`

`arr[0][1] = 2;`

`arr[0][2] = 3;`

`arr[1][0] = 4;`

`arr[1][1] = 5;`

`arr[1][2] = 6;`

`arr[1][3] = 7;`

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