

Initializing A Rectangular 2D Array

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1.

```
int [][] arr=new int[2][3];  
arr[0][0]=10;  
arr[0][1]=20;  
arr[0][2]=30;  
arr[1][0]=40;  
arr[1][1]=50;  
arr[1][2]=60;
```
2.

```
int [ ][ ] arr=new int[ ][ ]{{10,20,30},{40,50,60}};
```
3.

```
int [ ][ ] arr={{10,20,30},{40,50,60}};
```

Creating Jagged Array

① Creating Row

$\langle \text{data type} \rangle [][] \langle \text{ref} \rangle = \text{new } \langle \text{data type} \rangle [\text{row}] [];$

② Creating each array

$\langle \text{ref} \rangle [\text{row_index}] = \text{new } \langle \text{data type} \rangle [\text{size}];$
.
.
.
.

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

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

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

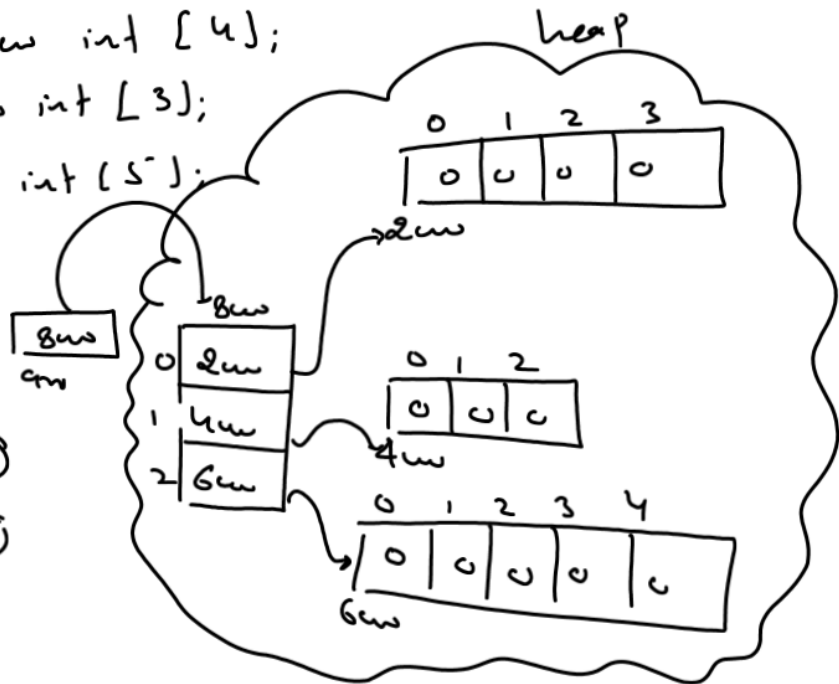
```
arr[2] = new int [5];
```

```
SOP(arr.length); ③
```

```
SOP(arr[0].length); ④
```

```
SOP(arr[1].length); ③
```

```
SOP(arr[2].length); ⑤
```



WAP to calc and print the average sale made by every salesman of the company.
Number of salesman , their number of sales and their sale values are to be accepted from the user

SAMPLE OUTPUT

=====

How many salesmen ?

4

How many sales by salesman 1 ?

3

Enter sale values:

20

5

12

How many sales by salesman 2?

5

Enter sale values:

40

2

11

34

1

How many sales by salesman 3?

2

Enter sale values:

60

12

How many sales by salesman 4?

3

Enter sale values:

30

15

40

Avg sale of salesman 1:___

Avg sale of salesman 2:___

Avg sale of salesman 3:___

Avg sale of salesman 4:___

Qn2: Find out the best salesman