

Two-Dimensional Array

```
package OneDimentional;

//create an array to store ages of student belonging to classroom belonging to five
//student in each classroom

import java.util.Scanner;
public class TwoDimentionalAraayExample {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int age[][] = new int[2][5];
        Scanner s = new Scanner(System.in);

        for(int i=0; i<=age.length-1; i++) //classroom
        {
            for(int j = 0; j<=age[i].length-1; j++)
            {
                System.out.println("Enter the age of class " +i+ "Student " +j);
                age[i][j]=s.nextInt();
            }
        }

        System.out.println("The ages are: ");
        for(int i=0; i<=age.length-1; i++) //classroom
        {
            for(int j = 0; j<=age[i].length-1; j++)
            {
                System.out.println(age[i][j]);
            }
        }
    }
}
```

Output

Enter the age of class 0Student 0

20

Enter the age of class 0Student 1

20

Enter the age of class 0Student 2

20

Enter the age of class 0Student 3

23

Enter the age of class 0Student 4

23

Enter the age of class 1Student 0

24

Enter the age of class 1Student 1

21

Enter the age of class 1Student 2

23

Enter the age of class 1Student 3

23

Enter the age of class 1Student 4

27

The ages are:

20

20

20

23

23

24

21

23

23

27