**Java Arrays:**

**Multidimensional Array:**

Syntax:

* dataType[][] arrayRefVar;
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Instantiating a Multidimensional Array:

int[][] testarray = new int[2][2];

Initializing Multidimensional Array:

testarray[0][0] = 1;

testarray[0][1] = 2;

testarray[1][0] = 3;

testarray[1][1] = 4;

You can define, instantiate and initialize a multidimensional array the following way.

Int[][] testarray = {{1,2},{3,4}};

Example:

**package** FPPackage;

**public** **class** ArraysDemo {

**public** **static** **void** main(String[] args) {

**int**[][] arr = {{1,2,3},{4,5,6},{7,8,9}};

**for**(**int** i=0; i<3; i++) {

**for**(**int** j=0; j<3; j++) {

System.***out***.println(arr[i][j]);

}

}

}

}