**Создание неровного двумерного массива**

**1) int ragged[][] = new int [4][]**

Error:

| cannot find symbol

| symbol: class ▒int

| ▒int ragged▒▒▒[][] = new int [4][];

| ^--^

**2) long ragged[][] = new long[4][]**

ragged ==> long[4][] { null, null, null, null }

**3) long[] r1 = new long[7]**

r1 ==> long[7] { 0, 0, 0, 0, 0, 0, 0 }

**4) long ragged[][] = new long [4][]**

ragged ==> long[4][] { null, null, null, null }

**5) long[] r1 = new long[5]**

r1 ==> long[5] { 0, 0, 0, 0, 0 }

**6) long[] r2 = new long[6]**

r2 ==> long[6] { 0, 0, 0, 0, 0, 0 }

**7) long[] r3 = new long[7]**

r3 ==> long[7] { 0, 0, 0, 0, 0, 0, 0 }

**8) > long[] r4 = new long[8]**

r4 ==> long[8] { 0, 0, 0, 0, 0, 0, 0, 0 }

**9) ragged [0] = r1**

$18 ==> long[5] { 0, 0, 0, 0, 0 }

**10) ragged [1] = r2**

$19 ==> long[6] { 0, 0, 0, 0, 0, 0 }

**11) ragged [2] = r3**

$20 ==> long[7] { 0, 0, 0, 0, 0, 0, 0 }

**12) ragged [3] = r4**

$21 ==> long[8] { 0, 0, 0, 0, 0, 0, 0, 0 }

**13) > long[] r1 number = {1, 2, 3, 4, 5}**

| Error:

| ';' expected

| ▒long[] r1 number = {1, 2, 3, 4, 5};

**14) jshell> ragged[0][0] = 1**

$22 ==> 1

$23 ==> 1

**15) long[][] matrix = {{1, 2, 3, 4, 5}, {6, 5, 4, 3, 2, 1}, {0, 0, 0, 0, 0, 0, 0}, {1, 2, 3, 4, 5, 6, 7, 8}}**

matrix ==> long[4][] { long[5] { 1, 2, 3, 4, 5 }, long[6] { ... 1, 2, 3, 4, 5, 6, 7, 8 } }

**16) matrix[3][4]**

$25 ==> 5

**17) matrix [0][3]**

$26 ==> 4

**18) matrix[2][1]**

$27 ==> 0

**19) Arrays.sort(matrix)**

| Exception java.lang.ClassCastException: class [J cannot be cast to class java.lang.Comparable ([J and java.lang.Comparable are in module java.base of loader 'bootstrap')

| at ComparableTimSort.countRunAndMakeAscending (ComparableTimSort.java:320)

| at ComparableTimSort.sort (ComparableTimSort.java:188)

| at Arrays.sort (Arrays.java:1041)

| at (#30:1)

**Создание трёхмерный массив**

**1) int m[][][]**

m ==> null

**2) long[3][3][3] matrix {{{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3,}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}}**

Error:

| '.class' expected

**3) long[][][] matrix {{{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3,}, {1, 2, 3}, {1, 2, 3}}, {{1, 2, 3}, {1, 2, 3}, {1, 2, 3}}}**

Error:

| '.class' expected

**Пример 96 битных символов UNICODE**

**1)jshell> String domino = "/1F031/1F032/1F03D"**

domino ==> "/1F031/1F032/1F03D"

**2)domino.length()**

$35 ==> 18

**3)domino.codePointCount(0,5)**

$36 ==> 5

domino.chatAt(0)

| Error:

| cannot find symbol

| symbol: method chatAt(int)

| domino.chatAt(0)

| ^-----------^

**4)domino.codePointAt(0)**

$37 ==> 47