**ЛБ-06 – Матрицы 2**

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| Задание 1 | Задание 2 |
| **program** ex1;  **var**  a: **array of array of** real;  min, s: real;  i, j: integer;  **begin**  SetLength(a, 3);  **for** i := 0 **to** 2 **do**  SetLength(a[i], 3);  **for** i := 0 **to** 2 **do**  **begin**  **for** j := 0 **to** 2 **do**  **begin**  a[i, j] := random(-5, 5);  write(a[i, j]:4);  **end**;  writeln;  **end**;  min := a[0, 0];  s := 0;  **for** i := 0 **to** 2 **do**  **for** j := 0 **to** 2 **do**  **begin**  **if** min > a[i, j] **then**  min := a[i, j];  **if** a[i, j] > 0 **then**  s += a[i, j];  **end**;  writeln(min \* s)  **end**. | **program** ex2;  **const**  r = 4;  c = 4;  **var**  a: **array of array of** real;  min, max: real;  i, j: integer;  **begin**  SetLength(a, r);  **for** i := 0 **to** r-1 **do**  SetLength(a[i], c);  **for** i := 0 **to** r-1 **do**  **begin**  **for** j := 0 **to** c-1 **do**  **begin**  a[i, j] := random(1, 100);  write(a[i, j]:4);  **end**;  writeln;  **end**;  min := 100;  **for** i := 0 **to** r-1 **do**  **begin**  max := a[i, 0];  **for** j := 0 **to** c-1 **do**  **if** max < a[i, j] **then**  max := a[i, j];  writeln('Max element of string ', i, ' = ', max);  **if** min > max **then**  min := max;  **end**;  writeln('Min from Max = ', min);  **end**. |
| Задание 3 | Задание 4 |
| **program** ex3;  **const**  r = 5;  c = 10;  **var**  a: **array of array of** real;  s, max: real;  i, j, jm: integer;  **begin**  SetLength(a, r);  **for** i := 0 **to** r-1 **do**  SetLength(a[i], c);  **for** i := 0 **to** r-1 **do**  **begin**  **for** j := 0 **to** c-1 **do**  **begin**  a[i, j] := random(10);  write(a[i, j]:4);  **end**;  writeln;  **end**;  max := 0;  **for** j := 0 **to** c-1 **do**  **begin**  s := 0;  **for** i := 0 **to** r-1 **do**  s := s + a[i, j];  writeln('Sum of elements of col\_', j, ' = ',  s);  **if** max < s **then**  **begin**  max := s;  jm := j  **end**  **end**;  writeln('Col with max Sum = ', jm);  **end**. | x[0] = 95.4604  x[1] = 100.4604  x[2] = 109.4604  x[3] = 90.4604  x[4] = 79.4604  x[5] = 124.4604  x[6] = 87.4604 |