ЛБ – 05 – Матрицы

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| **1** | **2** |
| **begin**  **var** p: **array of array of** integer := ((-3, 10, 15), (32, 12, -5));  **var** x: **array of** real := (-3.5, 120.4, -3.9, 6.11);    **var** min := p[0].Min;  **var** max := x.Max;    **var** c := 0;  **foreach var** el **in** x **do**  **if** el > 0 **then**  c += 1;    println((min + max) / c)  **end**.  58,7 | **begin**  **var** a := MatrRandom(3, 3, 1, 10);  a.Println;  print(a.Row(0).Sum +   a.Row(2).Sum);  **end**. |
| **3** | **4** |
| **begin**  **var** a := MatrRandom(4, 4, -3, 6);  a.Println;    **var** (s, c) := (0, 0);    **for var** j := 0 **to** a.ColCount-1 **do**  **begin**  **for var** i := 0 **to** a.RowCount-1 **do**  **if** a[i, j] > 0 **then**  **begin**  c += 1;  s += a[i, j];  **end**;  print(s / c);  (s, c) := (0, 0)  **end**;  **end**. | **begin**  **var** a := MatrRandom(4, 4, 1, 100);  a.Println;    **var** MaxOfRow := **new** integer[4];  **for var** i := 0 **to** a.High **do**  MaxOfRow[i] := a.Row(i).Max;    MaxOfRow.Min.Print  **end**.  Alternative  **begin**  **var** a := MatrRandom(4, 4, 1, 100);  a.Println;    **var** min := 100;  **var** max := a[0, 0];  **for var** i := 0 **to** a.High **do**  **begin**  max := a.Row(i).Max;  **if** min > max **then**  min := max;  **end**;    min.Print  **end**. |