LB – 5.1

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| --- | --- |
| 1 | 2 |
| **begin**  **var** a := MatrRandom(3, 3, -5, 5);  **var** min := a.Row(0).Min;  **var** product := 1;    **for var** i := 1 **to** a.RowCount-1 **do**  **begin**  **var** m := a.Row(i).Min;  **if** m < min **then**  min := m;  **end**;    **for var** i := 0 **to** a.RowCount-1 **do**  **for var** j := 0 **to** a.ColCount-1 **do**  **if** a[i, j] > 0 **then**  product \*= a[i, j];    a.Println;  min.Println;  product.Println;  (min \* product).Println;  **end**. | **begin**  **var** a := MatrRandom(4, 4, 1, 100);  a.Println;    **var** min := a.Row(0).Max.Print;    **for var** i := 1 **to** a.RowCount-1 **do**  **begin**  **var** m := a.Row(i).Max;  print(m);  **if** min > m **then**  min := m  **end**;    println;  min.Print  **end**. |
| 3 | 4 |
| **begin**  **var** a := MatrRandom(5, 10, 0, 9);  a.Println;  println;    **var** max := a.Col(0).Sum;  **var** indx := 0;    **for var** i := 0 **to** a.ColCount-1 **do**  **begin**  **var** s := a.Col(i).Sum;  write(s:4);  **if** max < s **then**  **begin**  max := s;  indx := i  **end**  **end**;    println;  indx.Print  **end**. | **begin**  **var** a := 2.5e-3;  **var** c := 175;  **var** k := 8;    **var** z := **new** real[7] (-2, 3, 12, -7, 18, 27, -10);  **var** b := **new** real[2, 3] ((0.3, 1.5,-6.1), (7.2, 10.3, 0.6));  **var** min := b.Col(1).Min;    **var** p := 0.0;  **var** o := 0;    **foreach var** el **in** z **do**  **if** el > 0 **then**  p += 1  **else**  o += 1;    **var** x := **new** real[7];  **for var** i := 0 **to** z.High **do**  x[i] := sqrt(p) / (o + a \* c) + min \* k \*\* 2 + z[i];    x.PrintLines  **end**.  94.5818181818182  99.5818181818182  108.581818181818  89.5818181818182  114.581818181818  123.581818181818  86.5818181818182 |