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1 // 4.Elabore um programa para ler uma matriz A3x3 e uma matriz B3x2 , gere e
2 // imprima uma matriz C que seja o produto matricial (AxB).
3
4 program Exercicio4;
5 type mat3x3= array[1..3, 1..3] of integer;
6 type mat3x2= array[1..3, 1..2] of integer;
7 var
8     A : mat3x3;
9     B, C : mat3x2;
10    i, j, k : integer;
11
12 begin
13     { Inicializando a matriz}
14     for i := 1 to 3 do
15     begin
16         for j := 1 to 2 do
17         begin
18             C[i][j] := 0;
19         end;
20     end;
21
22     for i := 1 to 3 do
23     begin
24         for j := 1 to 3 do
25         begin
26             write('A[' , i , '][', j , ' ] = ');
27             read(A[i][j]);
28         end;
29     end;
30     for i := 1 to 3 do
31     begin
32         for j := 1 to 2 do
33         begin
34             write('B[' , i , '][', j , ' ] = ');
35             read(B[i][j]);
36         end;
37     end;
38     for k := 1 to 2 do
39     begin
40         for i := 1 to 3 do
41         begin
42             for j := 1 to 3 do
43             begin
44                 C[i][k] := C[i][k] + A[i][j] * B[j][k];
45             end;
46         end;
47     end;
48     for i := 1 to 3 do
49     begin
50         for j := 1 to 2 do
51         begin
52             write(' ', C[i][j]);
53         end;
54         writeln();
55     end;
56 end.
```