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D:\Java\jdk1.8.0_261\bin\prog\transpose.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
transpose.java
1 import java.util.Scanner;
2
3 class transpose
4 { public static void main(String args[])
5 { int c,r;
6 Scanner get=new Scanner(System.in);
7 System.out.println("Enter the no of rows and columns:");
8 r=get.nextInt();
9 c=get.nextInt();
10 int m1[][]=new int[r][c];
11 int m2[][]=new int[c][r];
12 System.out.println("\nEnter the elements of the matrix:");
13 for(int i=0;i<r;i++)
14 { System.out.println("\nRow"+(i+1));
15 for(int j=0;j<c;j++)
16 { m1[i][j]=get.nextInt();
17 m2[j][i]=m1[i][j];
18 }
19 System.out.println("Matrix:");
20 for(int i=0;i<r;i++)
21 { for(int j=0;j<c;j++)
22 { System.out.printf("%d\t",m1[i][j]); }
23 System.out.println("\n");
24 }
25 System.out.println("Transpose Matrix:");
26 for(int i=0;i<c;i++)
27 { for(int j=0;j<r;j++)
28 { System.out.printf("%d\t",m2[i][j]); }
29 System.out.println("\n");
30 }
31 }
32 }
33 }
```

Java source file length: 851 lines: 33 Ln: 32 Col: 4 Sel: 0 | 0 Windows (CR LF) UTF-8 INS 20:27 01-11-2020

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Command Prompt
D:\Java\jdk1.8.0_261\bin\prog>javac transpose.java
D:\Java\jdk1.8.0_261\bin\prog>java transpose
Enter the no of rows and columns:
3
2
Enter the elements of the matrix:
Row1
1
2
Row2
3
4
Row3
5
6
Matrix:
1 2
3 4
5 6
Transpose Matrix:
1 3 5
2 4 6
D:\Java\jdk1.8.0_261\bin\prog>
```