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**Just Dijkstra****P30288\_en**

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Write a program to compute the minimum cost to go from one vertex to each of the vertices of a given directed graph with positive costs at the arcs.

**Input**

Input consists of several cases. Every case begins with the number of vertices  $n$  and the number of arcs  $m$ , followed by  $m$  triples  $x \ y \ c$ , to indicate an arc from  $x$  to  $y$  with cost  $c$ . Assume  $2 \leq n \leq 10^4$ ,  $0 \leq m \leq 5n$ , that vertices are numbered from 0 to  $n - 1$ ,  $x \neq y$ , that for every pair  $x \ y$  there is at most one arc in each direction, and that all costs  $c$  are natural numbers between 1 and  $10^4$ .

**Output**

For every case, print the minimum cost to go from vertex 0 to the rest of vertices, in order from 1 to  $n - 1$ . If there is no path to some vertex, print "no". Print a line with 10 dashes at the end of every case.

**Sample input 1**

```
4 3
0 1 100
0 3 200
1 3 50
2 1
1 0 10000
```

**Sample output 1**

```
100
no
150
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no
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```

**Problem information**

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