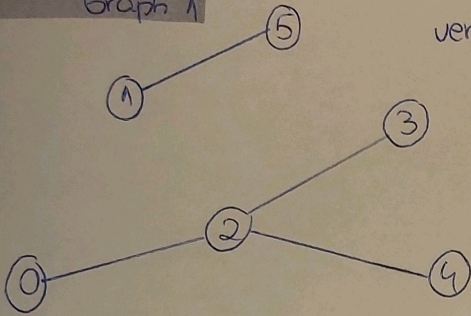


Graph 1



Input file
 vertices → 6 4 ← edges
 1 5 (2) → cost
 0 2 3
 2 3 5
 2 4 6

Execution's result:

The graph does not contain any Hamiltonian cycle

Execution's result

The graph contains at least ~~one~~ a Hamiltonian cycle, one of them being:

0 1 2 3 4 5 6 7 0

Input file:

8 10
 0 1 3
 0 7 8
 7 6 8
 6 5 4
 1 5 4
 4 5 3
 3 4 2
 2 3 5
 2 4 5
 2 1 3

Graph 2

