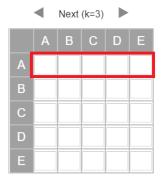
- You have 20+10 minutes for this guiz to answer all guestions and to key answers online on the Moodle.
- This is an open book test, but during the test some learning quizzes on the Moodle will not be available.

Q1. Floyd-Warshall's search

Given: the following costs matrix and k=3.

Cost adjacency matrix								
	А	В	С	D	Е			
A	0	-1	6	inf	inf			
В	inf	0	inf	5	2			
С	6	inf	0	2	1			
D	-6	6	inf	0	inf			
Е	-1	inf	inf	-1	0			



Find: Dist and Next for row A.

Cost adjacency matrix

	Α	В	С	D	Е
Α	0	-1	6	inf	inf
В	inf	0	inf	5	2
С	6	inf	0	2	1
D	-6	6	inf	0	inf
Е	-1	inf	inf	-1	0

Dist: -2,-3,4,2,-3 Next: D,D,D,D,D

ANSWER



