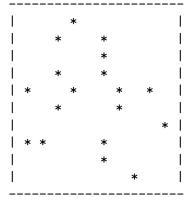
QUIZ 7

COMP9021 PRINCIPLES OF PROGRAMMING

\$ python3 quiz_7.py

Input an integer, two integers between 1 and 10, and a number between 0 and 1: $0\ 2\ 5\ 0.3$ Here is the grid that has been generated:



There is no special path starting from (2, 5) in the grid!

Date: Trimester 3, 2024.

\$

\$ python3 quiz_7.py

Input an integer, two integers between 1 and 10,
 and a number between 0 and 1: 0 1 1 1
Here is the grid that has been generated:

The longest special path starting from (1, 1) has a length of 42. Here it is:

QUIZ 7 3

\$ python3 quiz_7.py

Input an integer, two integers between 1 and 10,
 and a number between 0 and 1: 1 4 2 0.7
Here is the grid that has been generated:

_											
I	*			*	*	*	*		*	*	1
		*		*	*		*			*	
	*	*		*	*	*	*	*	*	*	
	*	*	*	*	*	*		*	*	*	
			*	*				*		*	
	*	*			*	*	*	*		*	
	*	*		*	*	*	*		*	*	
	*	*	*			*	*	*	*		
		*		*	*		*	*	*	*	
		*						*	*	*	

The longest special path starting from $(4,\ 2)$ has a length of 5. Here it is:

\$

\$ python3 quiz_7.py

Input an integer, two integers between 1 and 10,
 and a number between 0 and 1: 2 2 3 0.7
Here is the grid that has been generated:

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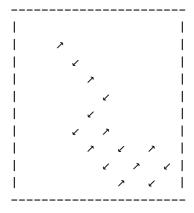
 | * * * * * * * * * |

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The longest special path starting from (2, 3) has a length of 15. Here it is:



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