

**\*\*\* EXERCISE a1f4.c \*\*\***

=== COMPILATION ===

SUCCESSFUL

=== EXECUTION. TEST #1 ===

Question C

Storage pool

1o STOIXEIO LISTAS=-1, 1H FREE POSITION=0

H STORAGE POOL EXEI TA EJHS STOIXEIA

(0: -1->1) (1: -1->2) (2: -1->3) (3: -1->4) (4: -1->5) (5: -1->6) (6: -1->7) (7: -1->8) (8: -1->9) (9: -1->-1)

Question D

Linked list

Empty List ...

Question

Give a number: 10

Continue Y/N: Y

Give a number: 20

Continue Y/N: Y

Give a number: 30

Continue Y/N: N

Question F

Storage pool

1o STOIXEIO LISTAS=0, 1H FREE POSITION=3

H STORAGE POOL EXEI TA EJHS STOIXEIA

(0: 10->1) (1: 20->2) (2: 30->-1) (3: -1->4) (4: -1->5) (5: -1->6) (6: -1->7) (7: -1->8) (8: -1->9) (9: -1->-1)

Question G

Linked list

(0: 10 ->1) (1: 20 ->2) (2: 30 ->-1)

Question H

Not an Empty List

Question I

Not a Full List

Question J

Search for a number

Give a number 5

The number is not in the list

Give a number 10

The number is in the list and its predecessor is in position -1

=== EXECUTION RESULT: ===

CORRECT

GRADE:10

**\*\*\* EXERCISE a21f4.c \*\*\***

=== COMPILATION ===

SUCCESSFUL

=== EXECUTION. TEST #1 ===

DWSE ARI8MO MA8HTWN:4

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 111

DWSE BA8MO GIA EISAGWGH STH LISTA: 13.2

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: -1

Plithos soixeiwn sth lista 1

[0: (111,13.2) ->-1]

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 222

DWSE BA8MO GIA EISAGWGH STH LISTA: 19.3

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: -1

Plithos soixeiwn sth lista 2

[1: (222,19.3) ->0] [0: (111,13.2) ->-1]

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 333

DWSE BA8MO GIA EISAGWGH STH LISTA: 20

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: 0

Plithos soixeiwn sth lista 3

[1: (222,19.3) ->0] [0: (111,13.2) ->2] [2: (333,20) ->-1]

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 444

DWSE BA8MO GIA EISAGWGH STH LISTA: 9.2

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: -1

Plithos soixeiwn sth lista 4

[3: (444,9.2) ->1] [1: (222,19.3) ->0] [0: (111,13.2) ->2] [2: (333,20) ->-1]

DWSE TH 8ESH TOY PROHGOUMENOY STOIXEIOY GIA DIAGRAFH: 1

Plithos soixeiwn sth lista 3

[3: (444,9.2) ->1] [1: (222,19.3) ->2] [2: (333,20) ->-1]

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 777

DWSE BA8MO GIA EISAGWGH STH LISTA: 14.7

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: 2

Plithos soixeiwn sth lista 4

[3: (444,9.2) ->1] [1: (222,19.3) ->2] [2: (333,20) ->0] [0: (777,14.7) ->-1]

DWSE ARI8MO MHTRWOU GIA EISAGWGH STH LISTA: 999

DWSE BA8MO GIA EISAGWGH STH LISTA: 19.7

DWSE TH 8ESH META THN OPOIA 8A GINEI H EISAGWGH STOIXEIOY: -1

Plithos soixeiwn sth lista 5

[4: (999,19.7) ->3] [3: (444,9.2) ->1] [1: (222,19.3) ->2] [2: (333,20) ->0] [0: (777,14.7) ->-1]

=== EXECUTION RESULT: ===

CORRECT

GRADE:10