initial:

items[0] = 7

items[1] = 19

items[2] = 23

items[3] = 8

items[4] = 10

items[5] = 2

items[6] = 24

items[7] = 0

items[8] = 5

items[9] = 12

items[10] = 27

items[11] = 22

items[12] = 3

items[13] = 9

items[14] = 17

items[15] = 18

items[16] = 26

items[17] = 25

items[18] = 20

items[19] = 21

items[20] = 13

items[21] = 6

items[22] = 1

items[23] = 11

items[24] = 28

items[25] = 4

items[26] = 16

items[27] = 14

items[28] = 15

items[29] = 29

elapsed time: 13

sorted:

items[0] = 0

items[1] = 1

items[2] = 2

items[3] = 3

items[4] = 4

items[5] = 5

items[6] = 6

items[7] = 7

items[8] = 8

items[9] = 9

items[10] = 10

items[11] = 11

items[12] = 12

items[13] = 13

items[14] = 14

items[15] = 15

items[16] = 16

items[17] = 17

items[18] = 18

items[19] = 19

items[20] = 20

items[21] = 21

items[22] = 22

items[23] = 23

items[24] = 24

items[25] = 25

items[26] = 26

items[27] = 27

items[28] = 28

items[29] = 29

Program ended with exit code: 0