

Test Cases

Part A

no1 mark for correct conversion to inches for each year

1 point for correct average and deviation

1 point for Barrack messaging properly, or not messaging him properly

Input:

500 400 300 200 100

Output:

196.8 157.5 118.1 78.7 39.4

average: 118.11

Deviation: 55.68

Barrack - global warming is for real!

Input:

3 1 4 1 5

Output:

1.2 0.4 1.6 0.4 2.0

average:1.10

Deviation: 0.63

Input:

2 2 2 2 2

Output:

0.8 0.8 0.8 0.8 0.8

average: 0.79

Deviation: 0.00

Part B

tests:

3 marks each

test 1:

Input: 2000

2

29

output: **Feb 29, 2000: 15 years old**

test 2:

Input: 1999

1

31

output: **Jan 31, 1999: 17 years old**

Validity: 1 mark each

input:

2012

14

10

output: An invalid birthdate has been entered.

input:

2016

2

13

output: An invalid birthdate has been entered.

Input:

2001

2

29

output: An invalid birthdate has been entered.