

## Answer on Question #44289, Programming, Python

### Problem.

The Springfork Amateur Golf Club has a tournament every weekend. The Club president has asked you to design two programs.

A main function that calls functions to (1) input data at the keyboard and write it to an external file, (2) read data from the external file and displays it on the screen and (3) display the lowest score.

### Solution.

#### Code

```
def input_scores():
    line = input('Enter scores: ')
    file = open("scores.txt", "w")
    file.write(line)
    file.close()

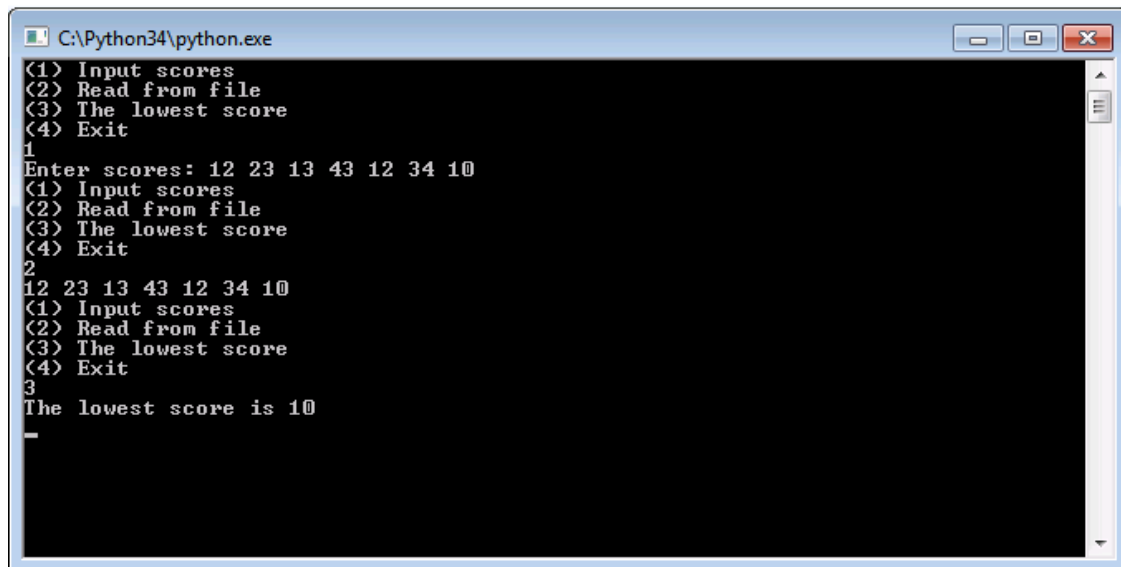
def read_from_file():
    file = open("scores.txt", "r")
    print(file.read())
    file.close()

def lowest_score():
    file = open("scores.txt", "r")
    line = file.read()
    score_list = [int(i) for i in line.split()]
    print('The lowest score is', min(score_list))
    file.close()

choose = 0

while choose != 3:
    print('(1) Input scores')
    print('(2) Read from file')
    print('(3) The lowest score')
    print('(4) Exit')
    choose = int(input())
    if choose == 1:
        input_scores()
    if choose == 2:
        read_from_file()
    if choose == 3:
        lowest_score()
```

#### Result



```
C:\Python34\python.exe
<1> Input scores
<2> Read from file
<3> The lowest score
<4> Exit
1
Enter scores: 12 23 13 43 12 34 10
<1> Input scores
<2> Read from file
<3> The lowest score
<4> Exit
2
12 23 13 43 12 34 10
<1> Input scores
<2> Read from file
<3> The lowest score
<4> Exit
3
The lowest score is 10
-
```