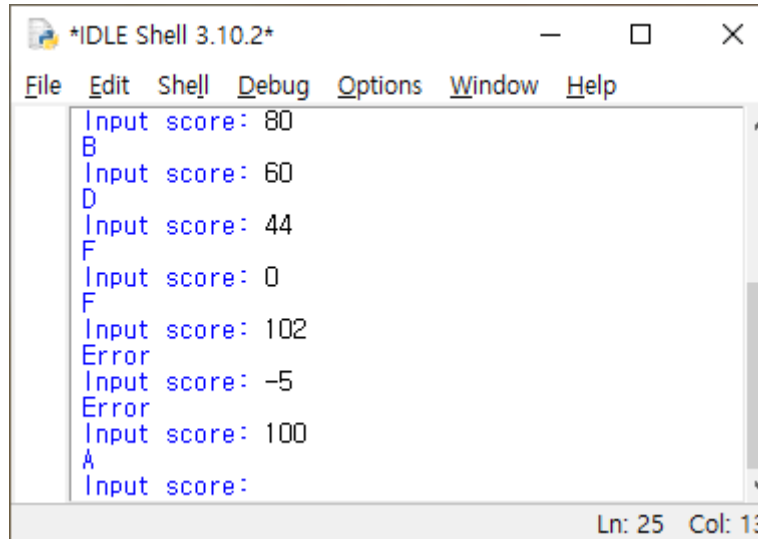


# CPB221 Exercise ch05-1

You can use loop statement only "while True :"

## 5-1. Grading Test

- Get the test score as an integer from the user. (0~100)
- If the score is 90-100, print A, if 80-89, print B, if 70-79, print C, if 60-69, print D, and if less than 60, print F.
- If a score exceeding 100 or less than 0, print 'Error'.

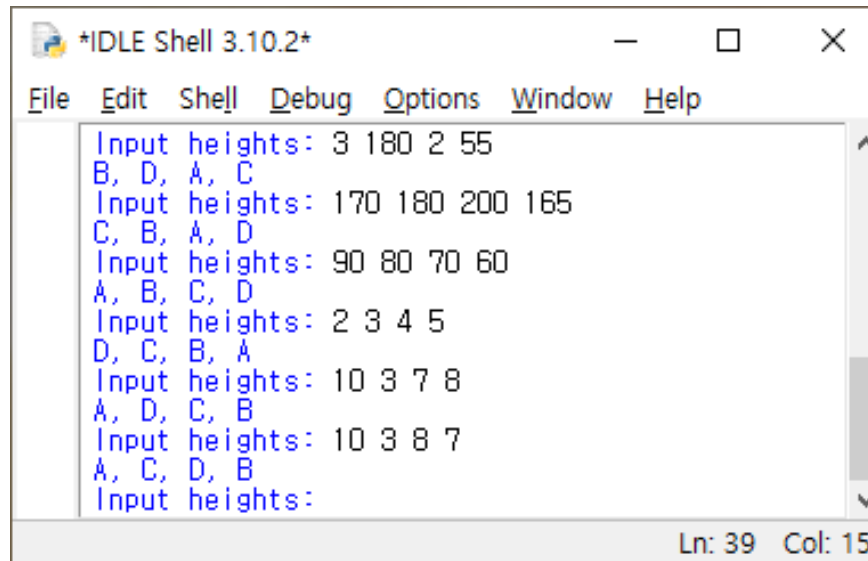


```
*IDLE Shell 3.10.2*
File Edit Shell Debug Options Window Help
Input score: 80
B
Input score: 60
D
Input score: 44
F
Input score: 0
F
Input score: 102
Error
Input score: -5
Error
Input score: 100
A
Input score:
Ln: 25 Col: 13
```

# CPB221 Exercise ch05-1

## 5-2. Line up!

- Get the heights of 4 students (A, B, C, D) from the user by one line input.
- Print them out in order, starting with the tallest student.
- To support multiple integer input, use this statement.
  - `var1, var2, var3, var4 = map(int, input("Input message: ").split())`



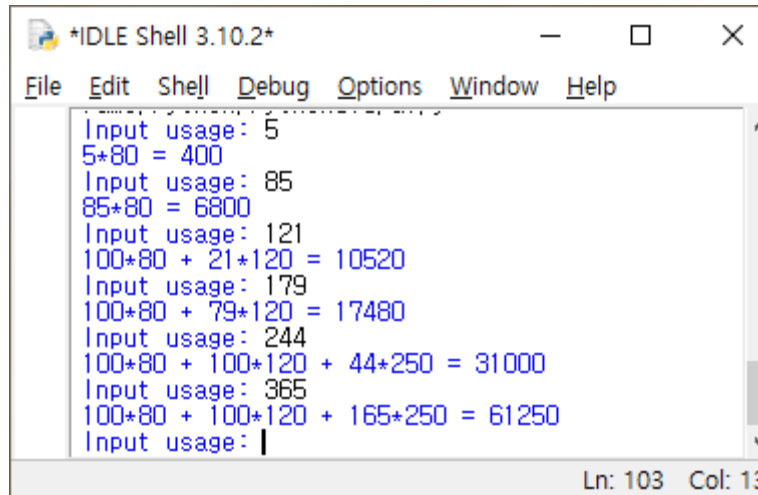
```
*IDLE Shell 3.10.2*
File Edit Shell Debug Options Window Help
Input heights: 3 180 2 55
B, D, A, C
Input heights: 170 180 200 165
C, B, A, D
Input heights: 90 80 70 60
A, B, C, D
Input heights: 2 3 4 5
D, C, B, A
Input heights: 10 3 7 8
A, D, C, B
Input heights: 10 3 8 7
A, C, D, B
Input heights:
```

Ln: 39 Col: 15

# CPB221 Exercise ch05-1

## 5-3. Progressive Electricity Rate Calculator

- Get electricity usage for this month from the user.
- If electricity usage is less than or equal to 100 kw, 80 won per 1 kw is charged.
- If electricity usage is less than or equal to 200 kw, 120 won per 1 kw is charged for the amount of excess of 100 kw.
- If electricity usage exceeds 200 kw, 250 won per 1 kw is charged for the amount of excess of 200 kw.
- Print the calculation formular and total charge of this month.



```
*IDLE Shell 3.10.2*
File Edit Shell Debug Options Window Help
Input usage: 5
5*80 = 400
Input usage: 85
85*80 = 6800
Input usage: 121
100*80 + 21*120 = 10520
Input usage: 179
100*80 + 79*120 = 17480
Input usage: 244
100*80 + 100*120 + 44*250 = 31000
Input usage: 365
100*80 + 100*120 + 165*250 = 61250
Input usage: |
Ln: 103 Col: 13
```