Assignment - List and Tuple

1. Heights Statistics

1. Ask user to input the heights value (in centimeter) of 5 students. The entered values are integer.
2. Display lowest, highest, and average height value of these 5 students.

Sample output:

```
Number of heights to be entered: 4
100
120
110
130
[100, 120, 110, 130]
min = 100, max = 130, average = 115.0
```

In [1]:

```
result = []

print('Enter heights for 5 students: ')
while len(result) < 5:
    h = int(input())
    result.append(h)

print(result)
print(f'min = { min(result) }, max= { max(result) }, average = { sum(resu
```

```
Enter heights for 5 students:
100
120
130
110
100
[100, 120, 130, 110, 100]
min = 100, max= 130, average = 112.0
```

2. Swapping of Values

1. Ask user to input 3 integer values, x, y and z one by one.
2. Print out x, y and z value before swapping
3. Write an one-line statement to swap values so that x will hold value of y, y will hold value of z, and z will hold value of x after running the statement.
4. Print out x, y and z value after swapping.

Sample output:

```
10
20
30
Before swapping, x = 10, y = 20, z = 30
After swapping, x = 20, y = 30, z = 10
```

In [1]:

```
1  print('Enter 3 integers:')
2  x = input()
3  y = input()
4  z = input()
5
6  print(f'Before swapping, x = {x}, y = {y}, z = {z}')
7
8  x, y, z = y, z, x
9
10 print(f'After swapping, x = {x}, y = {y}, z = {z}')
```

```
Enter 3 integers:
10
20
30
Before swapping, x = 10, y = 20, z = 30
After swapping, x = 20, y = 30, z = 10
```