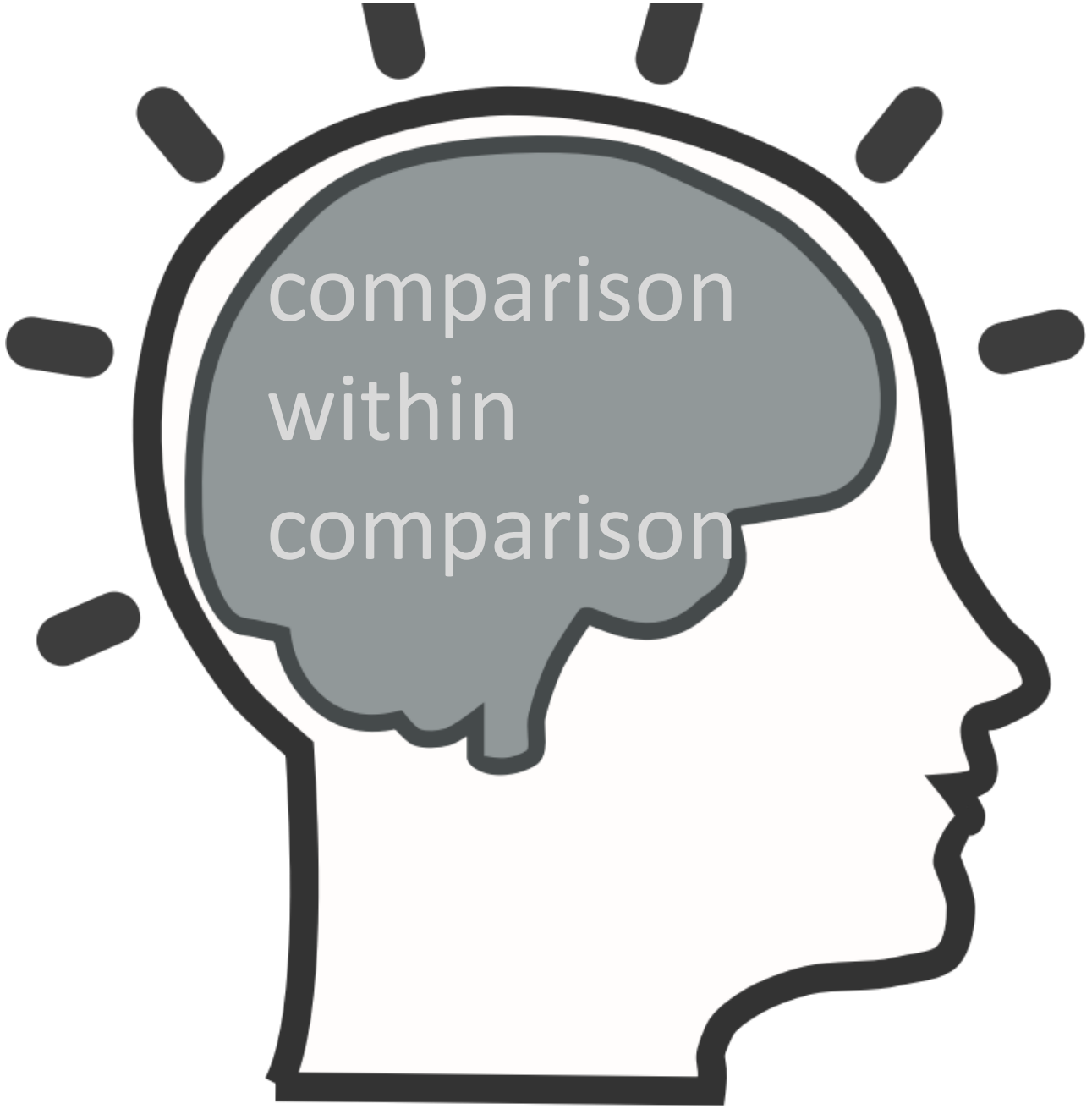
Python

comparison within comparison



18dice

Please write the program to calculate the price of the tickets.
Each ticket cost 100 dollar.
Please input the amount of tickets, and calculate the total amount.
If less than 5 tickets, 100 dollar per each and print out the total price.
If more than 5 tickets, all 10 percent off. The out information is as sample out.

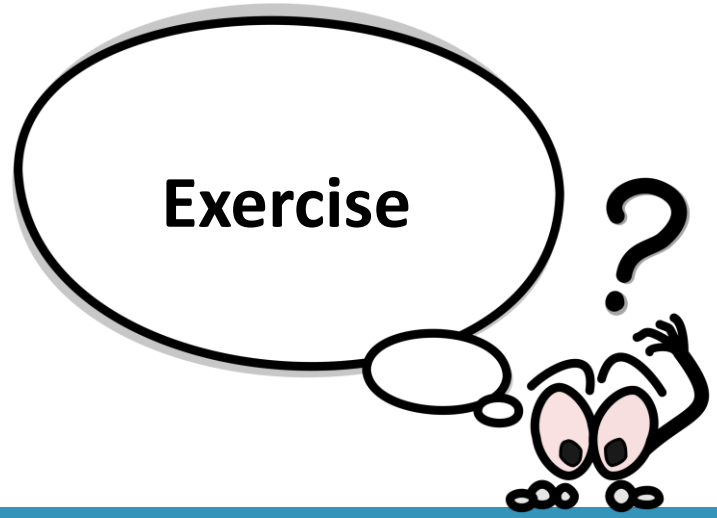
This program can be executed 3 times.

Sample input:

4
10
-9

Sample output:

400
Buy more than 5 tickets, 10 percent off.
900
Sorry, you did not enter the correct information.



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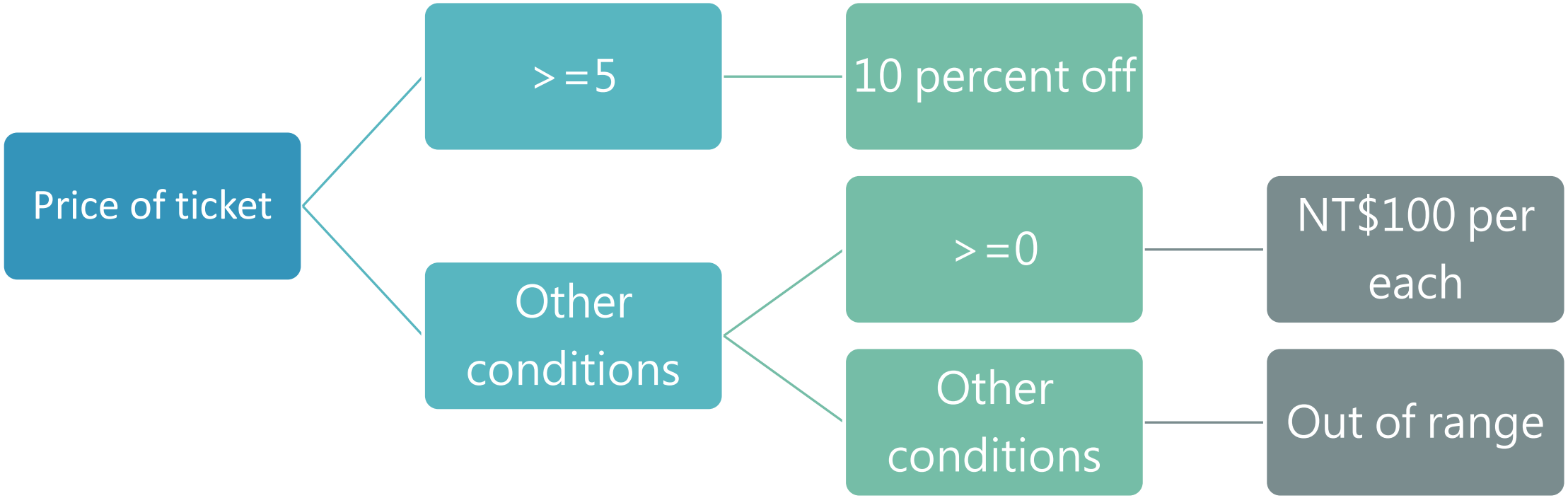
Problem analysis



Write with pseudo code

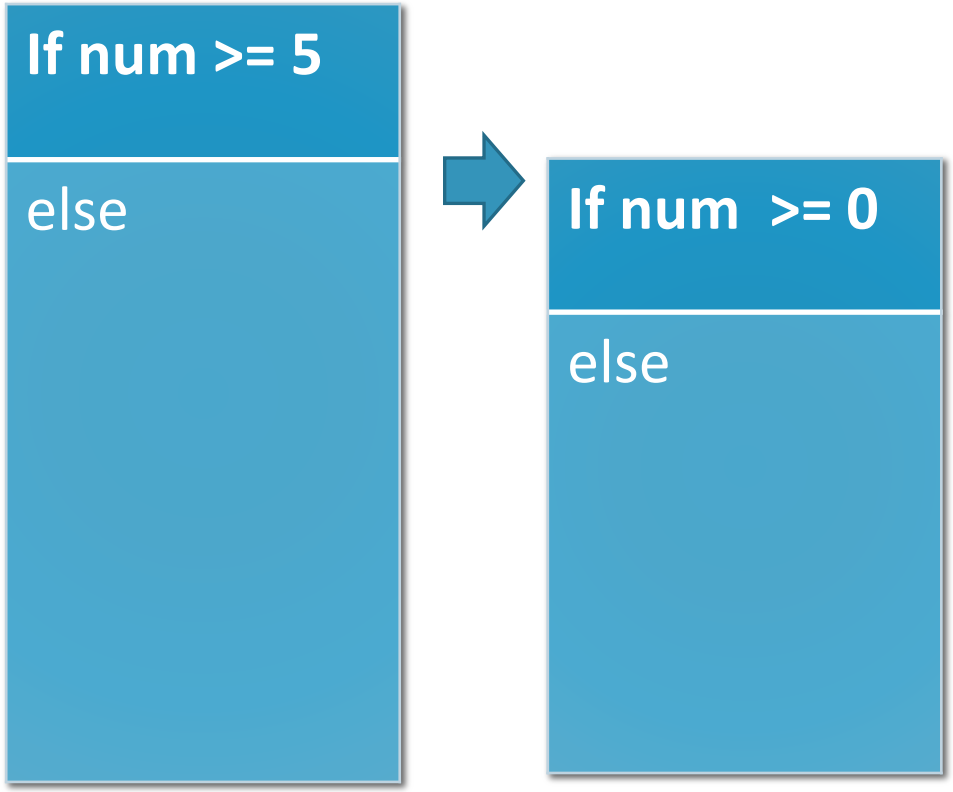
```
If num>=5
        print( “Buy more than 5 tickets, 10 percent off.” )
       print( “total amount” )
else
        If num>=0
                print(“ total amount” )
         else
                print( “Sorry, you did not enter the correct information.” )
```

What is a pseudo code?

pseudo code is an informal language. It was used to help programmers think about how this program should be written.

As the code's basics become more extensive, later descriptions will gradually be given less to the complete code and show by the pseudo code.

The following is turn to turn pseudo code into program code.




```
If num>=5
        print("Buy more than 5 tickets, 10 percent off.")
        print("total amount")
else
        If num>=0
                print("total amount")
         else
                print("Sorry, you did not enter the correct information.")
```

Code

```
num = int(input())
if num >= 5:
    print("購買5張以上，打九折優惠!")
    print("{0:.0f}".format(100*num*0.9))
else:
    if num >= 0:
        print(100*num)
    else:
        print("很抱歉，您未輸入正確票價")
```

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