# Banyaphon Wapakaew , Beryl8: Technical Test

Q1. Please write simple software to print image as

(Python language)

```python
#Q1. Please write simple software to print image as

def showstar(number):
    number_input = number+number+(number-1)
    i = 0
    while i <= (number_input):
            i+=1
            if(i % 2 != 0):
                print(" "*number_input,"* "*i)
            number_input-=1

    number_input = number+number+(number-1)
    i = 0
    while i <= (number_input):
            i+=1
            if(i % 2 != 0):
                if (i == 1 or i == 3):
                    print(" "*number_input,"* "*i)
            number_input-=1


while True:
    try:
        number = int(input("Please enter a int number: "))
        break
    except ValueError:
        print("Type input incorrect! Please enter type int number.")

showstar(number)
```

```python
class star:

    def __init__(self, int_num):
        self.int_num = int_num


    def output_star(self):
        return showstar(self.int_num)



#test
class_num4 = star(4)
class_num4.output_star()


class_num5 = star(5)
class_num5.output_star()


class_num6 = star(6)
class_num6.output_star()
```

run

```
Please enter a int number: 4
        *
      * * *
    * * * * *
        *
      * * *
```

Class test input 4,5,6

```
        *
      * * *
    * * * * *
        *
      * * *

         *
       * * *
     * * * * *
   * * * * * * *
         *
       * * *

          *
        * * *
      * * * * *
    * * * * * * *
  * * * * * * * * *
          *
        * * *
```

Q2. Please write simple software to convert money currency by using OOP and create test class for this case

(Python language)

```python
class Money:

    def __init__(self, curtype, curvalue):
        self.curtype = curtype
        self.curvalue = curvalue


    def Revert_Currency(self):
        if(self.curtype == "WON"):
            Revert_value = 33.72
            str = "WON"
        elif(self.curtype == "USD"):
            Revert_value = 0.028
            str = "USD"
        elif(self.curtype == "YEN"):
            Revert_value = 3.4
            str = "YEN"
        else:
            print("Currency Type Incorrect")

        Result_revert =  Revert_value*int(self.curvalue)
        return  "Number of converted : ",Result_revert ,str




Input_Money_THB = input("Please enter money: ")
print("Please Enter Convert To Currency Type (WON , USD or YEN) :")

Input_Currency_Type = input("input Currency Type: ")




Money_THB = Money(Input_Currency_Type,Input_Money_THB)


print(Money_THB.Revert_Currency())


#class test
Money_THB_to_WON = Money("WON",10000)
print(Money_THB_to_WON.Revert_Currency())
```

```python
Money_THB_to_USD = Money("USD",10000)
print(Money_THB_to_USD.Revert_Currency())


Money_THB_to_YEN = Money("YEN",10000)
print(Money_THB_to_YEN.Revert_Currency())
```

Run

```
Q2.py
Please enter money: 10
Please Enter Convert To Currency Type (WON , USD or YEN) :
input Currency Type: USD
('Number of converted : ', 0.28, 'USD')
('Number of converted : ', 337200.0, 'WON')
('Number of converted : ', 280.0, 'USD')
('Number of converted : ', 34000.0, 'YEN')
```