ข้อที่1

```python
def fullname():
   def callname():
      name = input("Please enter your name: ")
      surname = input("Please enter your surname: ")
      fname = name + " " + surname
      return fname


   return f"Hi, {callname()}"


print(fullname())
```

```
F-Zephyrus → D:\Work\LAB_KMUTT\CSS112
koonf >> python .\lab4_1.py
Please enter your name: Laura
Please enter your surname: Lupinski
Hi, Laura Lupinski
```

ข้อที่ 2

```python
def temperature(start,end):
   if (start <= end ):
      res = (start*9/5)+32
      print (f'{start} degrees Celsius is {res:.2f} degrees Fahrenheit')
      temperature(start+1,end)


start = int(input("Enter a beginning Celcius value: "))
end = int(input("Enter an ending Celcius value: "))
temperature(start,end)
```

```
koonf >> python .\lab4_2.py
Enter a beginning Celcius value: 10
Enter an ending Celcius value: 20
10 degrees Celsius is 50.00 degrees Fahrenheit
11 degrees Celsius is 51.80 degrees Fahrenheit
12 degrees Celsius is 53.60 degrees Fahrenheit
13 degrees Celsius is 55.40 degrees Fahrenheit
14 degrees Celsius is 57.20 degrees Fahrenheit
15 degrees Celsius is 59.00 degrees Fahrenheit
16 degrees Celsius is 60.80 degrees Fahrenheit
17 degrees Celsius is 62.60 degrees Fahrenheit
18 degrees Celsius is 64.40 degrees Fahrenheit
19 degrees Celsius is 66.20 degrees Fahrenheit
20 degrees Celsius is 68.00 degrees Fahrenheit
```

ข้อที่ 3

```python
def multiply(a, b):
   if b<=12:
      print(f"{a} x {b} = {a*b}")
      multiply(a,b+1)


num = int(input("Enter a number: "))
print("Multiplication table for",num)
multiply(num, 1)
```

```
koonf >> python .\lab4_3.py
Enter a number: 3
Multiplication table for 3
3 x 1 = 3
3 x 2 = 6
3 x 3 = 9
3 x 4 = 12
3 x 5 = 15
3 x 6 = 18
3 x 7 = 21
3 x 8 = 24
3 x 9 = 27
3 x 10 = 30
3 x 11 = 33
3 x 12 = 36
```

ข้อที่ 4

```python
name = input("Please enter your name: ").capitalize()
age = int(input("please enter your age: "))

def checkTicket(name, age):
   Price = 15
   priceout = 0

   def checkVIP(name):
      vip = ["Tony","Peter","Mark","Kim","James","Kenny"]
      if name in vip:
         x = True
         return x
      else:
         x = False
         return x

   if checkVIP(name) == True:
      if age < 15:
         priceout = 3.75
         return f"Tiket price for {name} is $ {priceout:.2f}"
      else:
         priceout = 7.5
         return f"Tiket price for {name} is $ {priceout:.1f}"
   else:
      if age < 15:
         priceout = 7.5
         return f"Tiket price for {name} is $ {priceout:.1f}"
      else:
         priceout = 15.0
         return f"Tiket price for {name} is $ {priceout:.1f}"



print(checkTicket(name, age))
```

```
F-Zephyrus  → D:\Work\LAB_K
koonf >> python .\lab4_4.py
Please enter your name: Kim
please enter your age: 12
Tiket price for Kim is $ 3.75
```

```
F-Zephyrus → D:\Work\LAB_KMUTT\CSS11
koonf >> python .\lab4_4.py
Please enter your name: keNNY
please enter your age: 28
Tiket price for Kenny is $ 7.5
```

```
F-Zephyrus → D:\Work\LAB_KMUTT\CSS112\lab4
koonf >> python .\lab4_4.py
Please enter your name: MikE
please enter your age: 9
Tiket price for Mike is $ 7.5
```

```
F-Zephyrus → D:\Work\LAB_KMUTT\CSS112
koonf >> python .\lab4_4.py
Please enter your name: Lauren
please enter your age: 45
Tiket price for Lauren is $ 15.0
```