```
In [1]: salary = 1000
        expense = 750

        if salary < expense:
            debt = expense - salary
            print("Warning!")
        elif salary > expense:
            saving = salary - expense
            print("Great")
        else:
            debt = 0
            saving = 0
            print("Not Bad")
```

Great

```
In [2]: lunch = "Pizza"

        if lunch == "Pasta":
            print("I had Pasta for lunch")
        elif lunch == "Chicken":
            print("I had Chicken for lunch")
        elif lunch == "Pizza":
            print("I had Pizza for lunch")
        else:
            print("I didn't have any lunch")
```

I had Pizza for lunch

```
In [5]: greeting = "Welcome to Python course"

        if "Python" in greeting:
            print("The course is about Python!")
        elif "C++" in greeting:
            print("The course is about C++!")
        else:
            print("I don't know what the course is about.")
```

The course is about Python!

```
In [6]: my_grades = [12.3 , 17 , 19 , 14 , 20]
        if 20 in my_grades:
            print("I got the complete mark in one of my lessons!")
        else:
            print("I didn't get any complete mark this term!")
```

I got the complete mark in one of my lessons!

```
In [9]: my_grades = {"Programming" : 20 , "Compiler" : 14 , "Computer Architecture" : 19}

        if 20 in my_grades.values():
            print("I got the complete mark in one of my lessons!")
        else:
            print("I didn't get any complete mark this term!")
```

I got the complete mark in one of my lessons!

```
In [13]: pizza_calories = 1000
         pasta_calories = 600
         apple_calories = 150

         if pasta_calories >= apple_calories and pasta_calories >= pizza_calories:
             print("Pasta has the most calories")
         elif pizza_calories >= apple_calories and pizza_calories >= pasta_calories:
             print("Pizza has the most calories")
         else:
             print("Apple has the most calories")
```

Pizza has the most calories

```
In [14]: number1 = 21
         number2 = 21
         result = number2 > number1
         if result or number2 == number1:
             print("Number2 is equal to or greater than number1")
         else:
             print("Number2 is less than number1")
```

Number2 is equal to or greater than number1

```
In [12]: a = [1 , 2 , 3]
         b = [1 , 2 , 3]
         c = a
         d = a.copy()

         if a is b:
             print("a is b")
         elif b is c:
             print("b is c")
         elif a is d:
             print("a is d")
         elif a is c:
             print("a is c")
         else:
             print("No same Variable")
```

a is c

```
In [ ]:
```

```
In [ ]:
```

```
In [ ]:
```