If Else Statements

In [44]:
```python
# Loging program and indentation
# gmail = yourgmailid@gmail.com
# password = '1234'

mail = input('Your mail id.: ')
password = input('password: ')

if mail == 'yourgmailid@gmail.com' and password == '1234':
# indentation is space before print.
    print('Welcome.')

else:
```

```
Your mail id.: gggdg
password: dfgdf
Not valid!
```

(elif) Loging with wrong password.

In [57]:
```python
# Loging program and indentation
# gmail = yourgmailid@gmail.com
# password = '1234'

mail = input('Your mail id.: ')
password = input('password: ')

if mail == 'yourgmailid@gmail.com' and password == '1234':
#indentation is space before print.
    print('Welcome.')
elif mail == 'yourgmailid@gmail.com' and password != '1234':
    print('Try again!')
    password = input('Enter agian.')
    if password == '1234':
        print('finally')
    else:
        print('Leave it.')
else:
```

```
Your mail id.: yourgmailid@gmail.com
password: dsgsdg
Try again!
Enter agian.sdgsd
Leave it.
```

In [4]:
```python
name = input('Enter your full name: ')
age = int(input('Enter your age: '))

if age >18:
    print(name, 'Welcome. ')
elif age == 18:
    print('Please wait.')
elif age <18:
    print(name, 'you are too small for this!')
else:
```

```
Enter your full name: 36
Enter your age: 32
36 Welcome.
```

Print smallest number!

```
In [6]:  # Taking input from user 3 times.
         first_input = int(input('Enter first input: '))
         second_input = int(input('Enter second input: '))
         third_input = int(input('Enter third input: '))

         if first_input < second_input and first_input < third_input:
             print('Smallest f is: ',first_input)
         elif second_input < third_input:
             print('smallest s is: ', second_input)
```

```
Enter first input: 3
Enter second input: 3
Enter third input: 6
smallest s is:  3
```

```
In [8]:  a = int(input('Enter the first value: '))
         b = int(input('Enter the second value: '))
         c = int(input('Enter the third value: '))

         if a<b and a<c:
             print('a', a)
         elif b<c:
             print('b', b)
         else:
```

```
Enter the first value: 1
Enter the second value: 2
Enter the third value: 3
a 1
```

```
In [11]:  # menu driven calculator

          fnum = int(input('Enter numaric value: '))
          snum = int(input('Enter numaric value: '))
          op = input('Enter any: (+, -, *, /): ')

          if op == '+':
              print(fnum + snum)
          elif op == '-':
              print(fnum - snum)
          elif op == '*':
              print(fnum * snum)
          elif op == '/':
              print(fnum / snum)
          else:
```

```
Enter numaric value: 3
Enter numaric value: 6
Enter any: (+, -, *, /): +-
Please enter the correct value!
```

Thank you!