

Condition student challenge #3

1 . check if a statement has passed or failed , by taking marks in 3 subjects .

lets take marks of subjects (maths , physics , chemistry) marks are between 0 - 100
and passing marks should be above 45

Sol :

```
maths = int (input('Enter the marks'))
physics = int (input('Enter the marks'))
chemistry = int (input('Enter the marks'))    # 3 inputs are needed for 3 diff subjects
if maths >= 45 and physics>=45 and chemistry>=45:    #'and' all should be true
    print('Passed')
else :
    print('Fail')
```

2 . Check if a person is authorise for admin access

only admin can access the data by taking the user input .admins are ' John ' and ' smith'

Sol :

```
username = input ('Enter username ')
if username=='john' or username=='smith': # john 'or' smith only can access it
    print ('Authorised')
else:
    print('Not Authorised')
```

3 .Check if a given lowercase character is vowel and consonant

#vowels - a , e , i , o , u

consonants - other than vowels are said as consonants

Sol :

```
ch=input ('Enter a lowecase letter')
if ch == 'a' or ch == 'e' or ch == 'i' or ch == 'o' or ch == 'u':#spaces should be in operators
    print(' Vowels')
else :
    print('Consonants')
```