

Student challenges # 2

1 . Check if marks of a subject are within range 0 - 100 .

if - valid

else - invalid

```
marks = int(input('enter marks')) # taking the user input and typecasting it to int value
if x >= 0 and x <=100 : # 'and' operator where both conditions should be true
    print ('valid')
else : # if is false so else will execute
    print ('Invalid')
```

2 . Check if a person is ' Male ' or ' Female'

to check person is Male or female by taking input from the user

```
gender = input ('enter gender') # we dont need to typecaste it cause input take string value
#by default
if gender=='m' or gender=='M': # 'or' anyone should be true
    print('Male')
else:
    print('Female')
```

3 . Check if the person is eligible to work .

```
age = int(input ('enter age')) #user input
if age >= 18 and age <= 60 : # the age should be between 18 - 60
    print('eligible')
else : # 'if' is false than else is executed
    print('not eligible')
```