

## If Examples

### 1. Validate user name

```
un=input('Enter User Name: ')
if not un:
    print('UN cannot be Null')
elif not un.isalpha():
    print('UN cannot contain digit or spaces')
elif len(un)<5 or len(un)>10:
    print('Invalid no of cha')
elif un.count(' ')>0:
    print('UN cannot contain spaces')
else:
    print('Ok..')
```

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### 2. Square or rectangle

```
l=int(input('Enter Length: '))
w=int(input('Enter Width: '))
area=l*w
print(area)
if l==w:
    print('Square')
else:
    print('Rectangle')
```

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### 3. Output grade

```
m=int(input('Enter marks: '))
while m<0 or m>100:
    print('Invalid Marks')
    m=int(input('Enter Marks: '))
```

```
if m<0 or m>100:
    print('Invalid Marks')
elif m>=80: print('A')
elif m>=60: print('B')
elif m>=40: print('C')
else: print('W')
```

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