

## PASSWORD STRENGTH CHECKER

```
Import re
```

```
def check_password_strength(password)
```

```
#Minimum length of 8 characters
```

```
If len(password)<8:
```

```
return"weak"
```

```
#check if passwords contains both uppercase and  
lowercase letters
```

```
If not re.Search("[a-z]",password)
```

```
or not re.Search("[A-Z]",password):
```

```
return"weak"
```

```
#check if password contains a special character
```

```
If not re.Search("[!@#$%^&*()]",password):
```

```
return"weak"
```

```
return"strong"
```

```
#input password for checking password =input
```

```
("Enter your password:")
```

```
strength=check_password_strength(password)
```

```
Print("password strength:"+strength)
```