

```
import re
pattern = re.compile(r'')
while True:
    password = input('enter the password')
    if(len(password)<6):
        print('password must be 6 characters long')
    elif re.search(r'[!@#$$%&]',password) is None:
        print('password must contain atleast one spl character')
    elif re.search(r'\d',password) is None:
        print('password must contain atleast one digit')
    elif re.search('[A-Z]',password) is None:
        print('password must contain atleast one capital cahracter')
    elif re.search(r'[a-z A-Z 0 -9 !@#$$%&]{6}', password):
        pattern = re.compile(r'[a-z A-Z 0 -9 !@#$$%&]{6}', password)
        print('password is correct ')
        break
    else:
        print("password is incorrect")
```