import re  
  
  
def check\_digit(pwd: str) -> bool:  
 return bool(re.search(r'[0-9]', pwd))  
  
  
def check\_uppercase(pwd: str) -> bool:  
 return bool(re.search(r'[A-Z]', pwd))  
  
  
def check\_lowercase(pwd: str) -> bool:  
 return bool(re.search(r'[a-z]', pwd))  
  
  
def check\_special\_char(pwd: str) -> bool:  
 return bool(re.search(r'[~!@#$%&^?]', pwd))  
  
  
def check\_white\_space(pwd: str) -> bool:  
 return bool(re.search(r'\s', pwd))  
  
  
def check\_length(pwd: str) -> bool:  
 return True if 8<=len(pwd)<=12 else False  
# if 8<=len(pwd)<=12:  
# return True  
# else:  
# return False  
  
pwd = input(' Please create a password or your account: ')  
  
if all([check\_digit(pwd), check\_uppercase(pwd), check\_lowercase(pwd),  
 check\_special\_char(pwd), not check\_white\_space(pwd), check\_length(pwd)]):  
 print(' Your password is strong, excellent job!' )  
else:  
 print(' Oh my!, that password you entered does not meet the requirements.\n'  
 ' Please make note of what is required below and try again ')  
  
 if not check\_digit(pwd):  
 print(' -Password must contain at least one digit [0-9]')  
  
 if not check\_uppercase(pwd):  
 print(' -Password must contain at least one uppercase letter')  
  
 if not check\_lowercase(pwd):  
 print(' -Password must contain at least one lowercase letter')  
  
 if not check\_special\_char(pwd):  
 print(' -Password must contain at least one special character or symbol')  
  
 if check\_white\_space(pwd):  
 print(' -Password must NOT contain any space')  
  
 if not check\_length(pwd):  
 print(' -Password must contain at least 8 characters and at most 12 characters')