

Program to determine whether a password meets defined parameters.

Developer: Angela D. Tackett CMIS102 28JUN22

Welcome Function

 #Display welcome

Function enter()

 #prompt for input

 #while loop

 #password prompt

 #validate input parameter for length

Function rem_space

 #validate no spaces present

 # advise whether they are or are not

Function char_dig

#While loop verify .isalpha()

 #If falst – password meets parameters

MAIN

 #Prompt user for password and validate length

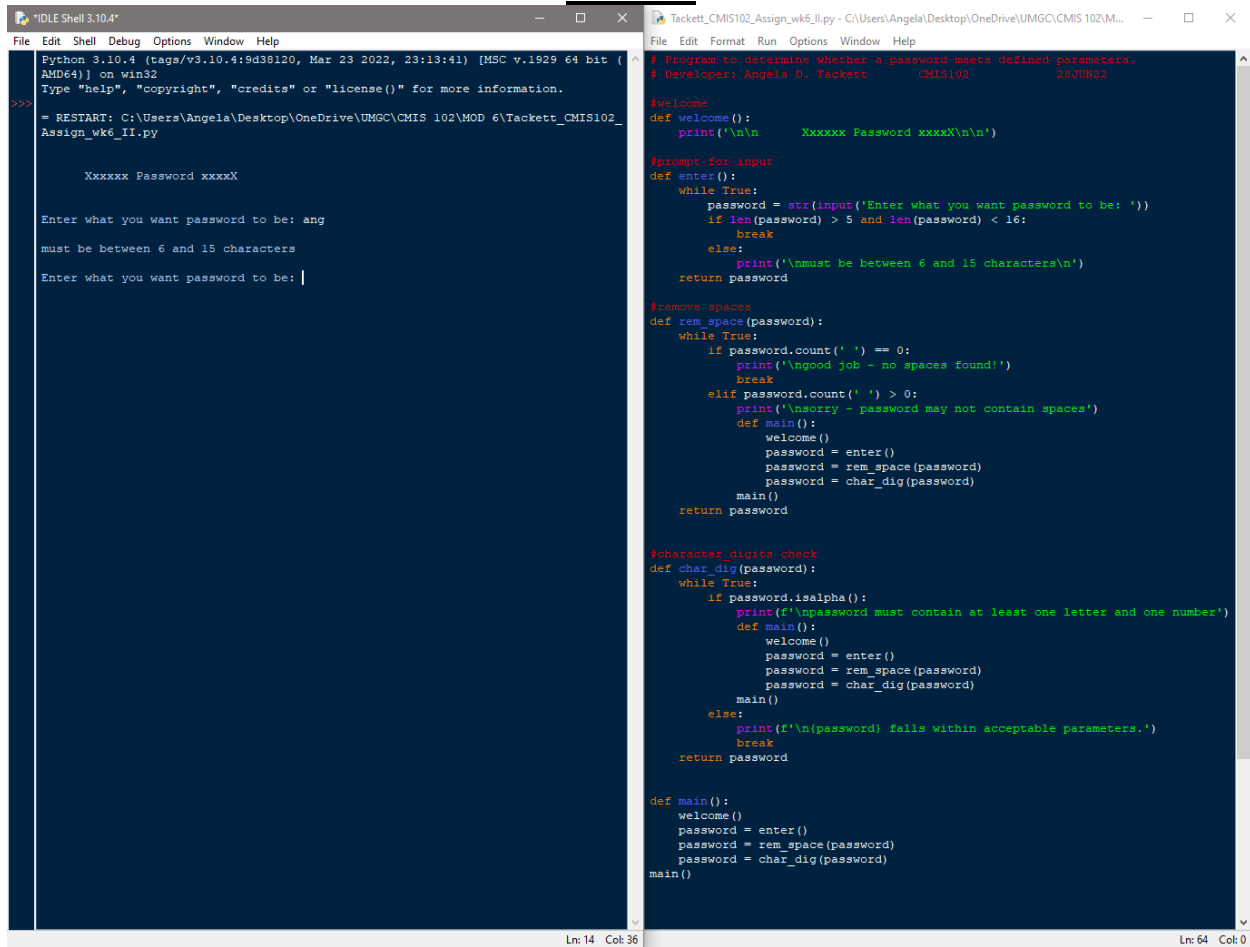
 #Check for spaces within password

 #Verify password contains one digit and one letter

main()

TEST

TEST #	INPUT	EXP OUT	ACT OUT	P/F
1	'ang'	Error reading	Wrong length	F
2	'angela t'	Error reading	No spaces allowed	F
3	angela1990	accept	accepted	P

TEST #1

```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Angela\Desktop\OneDrive\UMGC\CMIS 102\MOD 6\Tackett_CMIS102_Assign_wk6_II.py

Xxxxxx Password xxxX

Enter what you want password to be: ang
must be between 6 and 15 characters
Enter what you want password to be: |

# Tackett_CMIS102_Assign_wk6_II.py - C:\Users\Angela\Desktop\OneDrive\UMGC\CMIS 102\MOD 6\Tackett_CMIS102_Assign_wk6_II.py
File Edit Format Run Options Window Help
# Program to determine whether a password meets defined parameters.
# Developer: Angela D. Tackett CMIS102 28JUN22

#welcome
def welcome():
    print('\n\n Xxxxxx Password xxxX\n\n')

#prompt for input
def enter():
    while True:
        password = str(input('Enter what you want password to be: '))
        if len(password) > 5 and len(password) < 16:
            break
        else:
            print('\nmust be between 6 and 15 characters\n')
    return password

#remove spaces
def rem_space(password):
    while True:
        if password.count(' ') == 0:
            print('\ngood job - no spaces found!')
            break
        elif password.count(' ') > 0:
            print('\nsorry - password may not contain spaces')
            def main():
                welcome()
                password = enter()
                password = rem_space(password)
                password = char_dig(password)
                main()
            return password

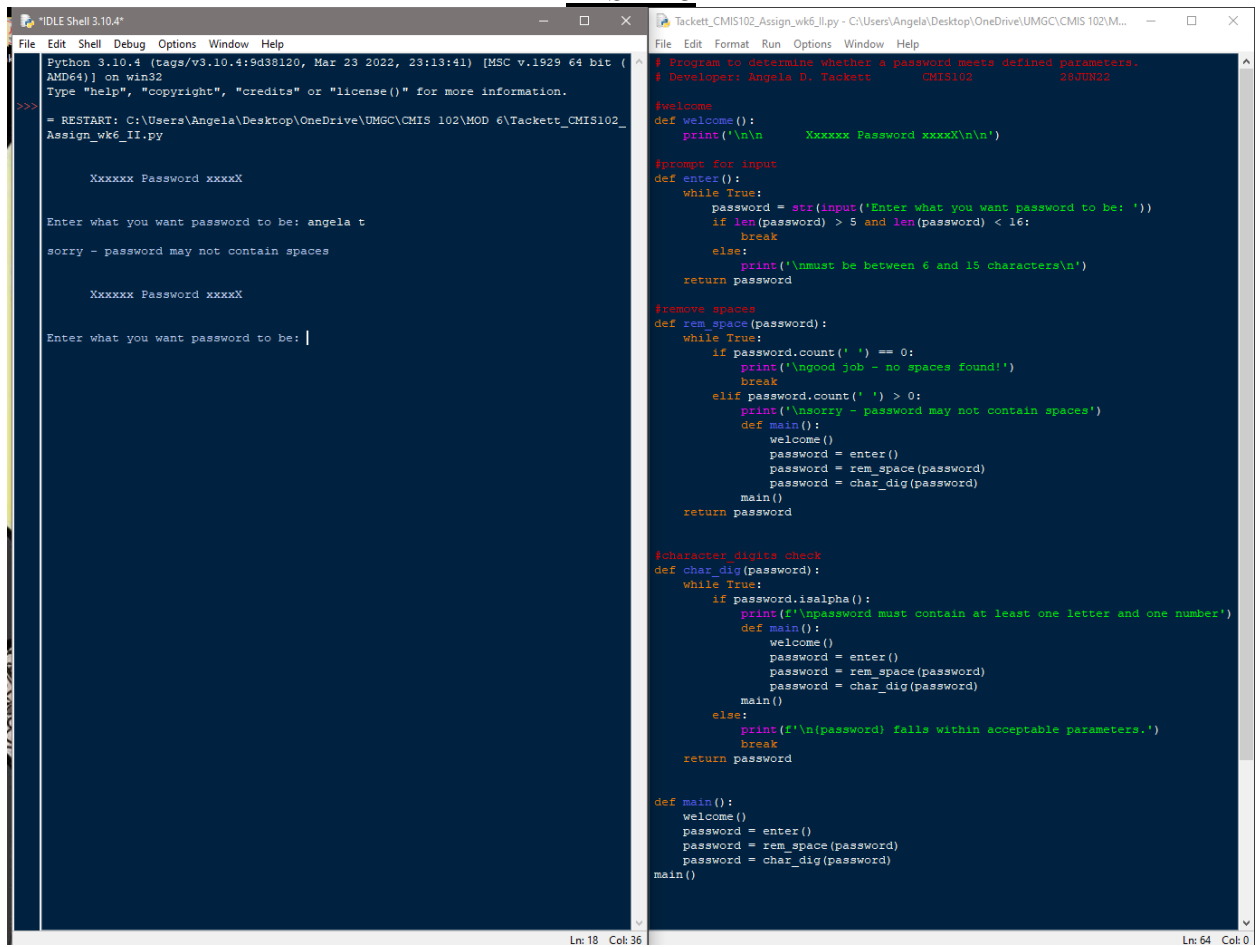
#character digits check
def char_dig(password):
    while True:
        if password.isalpha():
            print(f'\npassword must contain at least one letter and one number')
            def main():
                welcome()
                password = enter()
                password = rem_space(password)
                password = char_dig(password)
                main()
            return password
        else:
            print(f'\n(password) falls within acceptable parameters.')
            break
    return password

def main():
    welcome()
    password = enter()
    password = rem_space(password)
    password = char_dig(password)
    main()

main()
```

TEST # 2

TEST #3



```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Angela\Desktop\OneDrive\UMGC\CMIS 102\MOD 6\Tackett_CMIS102_Assign_wk6_II.py

Xxxxxx Password xxxX

Enter what you want password to be: angela t
sorry - password may not contain spaces

Xxxxxx Password xxxX

Enter what you want password to be: |
```

```
# Program to determine whether a password meets defined parameters.
# Developer: Angela D. Tackett CMIS102 28JUN22

#welcome
def welcome():
    print('\n\n Xxxxxx Password xxxX\n\n')

#prompt for input
def enter():
    while True:
        password = str(input('Enter what you want password to be: '))
        if len(password) > 5 and len(password) < 16:
            break
        else:
            print('\nmust be between 6 and 15 characters\n')
    return password

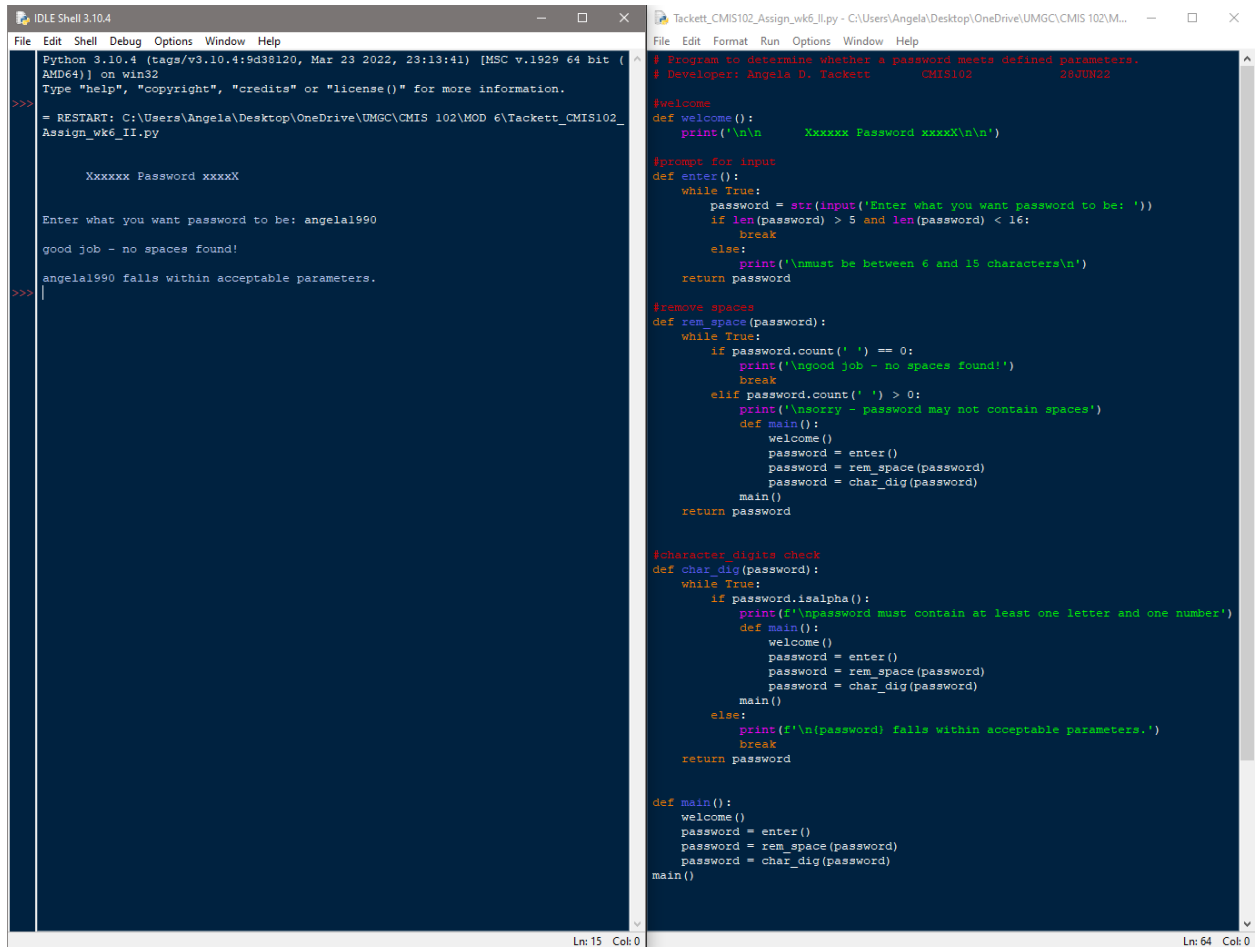
#remove spaces
def rem_space(password):
    while True:
        if password.count(' ') == 0:
            print('\ngood job - no spaces found!')
            break
        elif password.count(' ') > 0:
            print('\nsorry - password may not contain spaces')
            def main():
                welcome()
                password = enter()
                password = rem_space(password)
                password = char_dig(password)
                main()
            return password

#character digits check
def char_dig(password):
    while True:
        if password.isalpha():
            print('\npassword must contain at least one letter and one number')
            def main():
                welcome()
                password = enter()
                password = rem_space(password)
                password = char_dig(password)
                main()
            return password
        else:
            print(f'\n(password) falls within acceptable parameters.')
            break
    return password

def main():
    welcome()
    password = enter()
    password = rem_space(password)
    password = char_dig(password)
    main()
```

Ln: 18 Col: 36

Ln: 64 Col: 0



```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> = RESTART: C:\Users\Angela\Desktop\OneDrive\UMGC\CMIS 102\MOD 6\Tackett_CMIS102_Assign_Wk6_II.py

      XXXXXX Password XXXXX

Enter what you want password to be: angelal990

good job - no spaces found!

angelal990 falls within acceptable parameters.
>>>
```

```
# Program to determine whether a password meets defined parameters.
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#welcome
def welcome():
    print('\n\n      XXXXXX Password XXXXX\n\n')

#prompt for input
def enter():
    while True:
        password = str(input('Enter what you want password to be: '))
        if len(password) > 5 and len(password) < 16:
            break
        else:
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def rem_space(password):
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            def main():
                welcome()
                password = enter()
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                password = char_dig(password)
                main()
            return password

#character digits check
def char_dig(password):
    while True:
        if password.isalpha():
            print(f'\npassword must contain at least one letter and one number')
            def main():
                welcome()
                password = enter()
                password = rem_space(password)
                password = char_dig(password)
                main()
            return password
        else:
            print(f'\n(password) falls within acceptable parameters.')
            break
    return password

def main():
    welcome()
    password = enter()
    password = rem_space(password)
    password = char_dig(password)
    main()
```

Ln: 15 Col: 0

Ln: 64 Col: 0