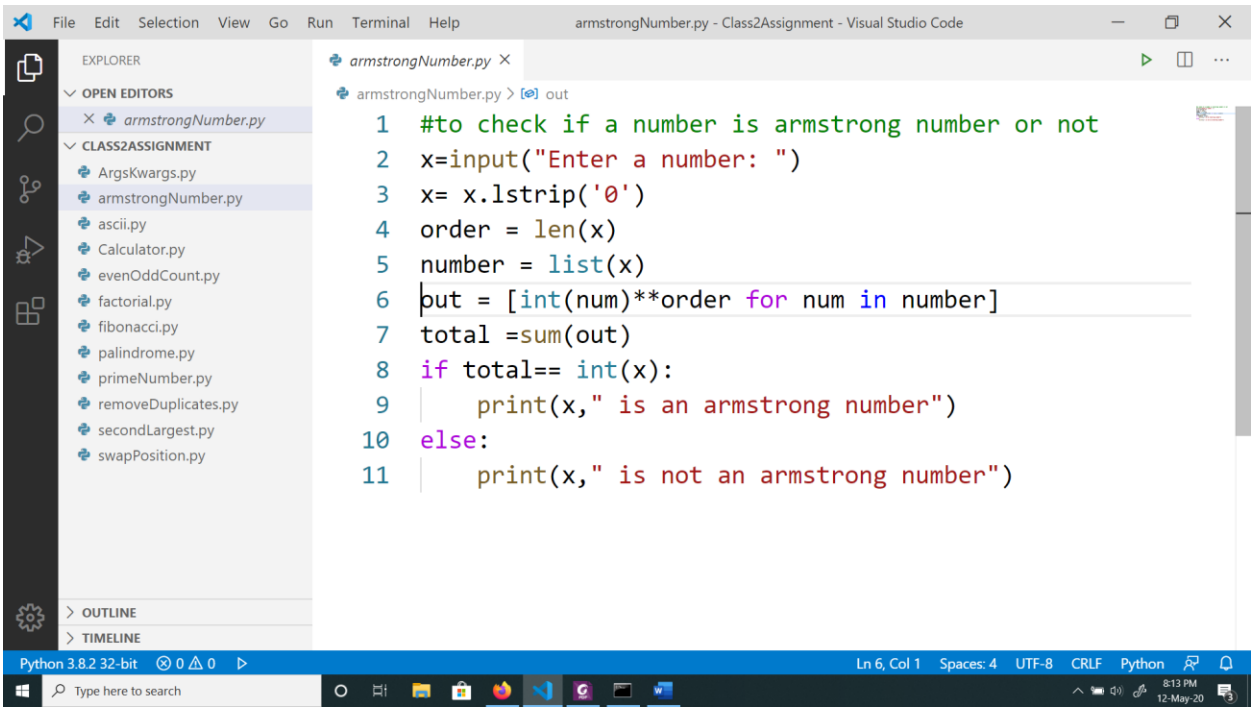
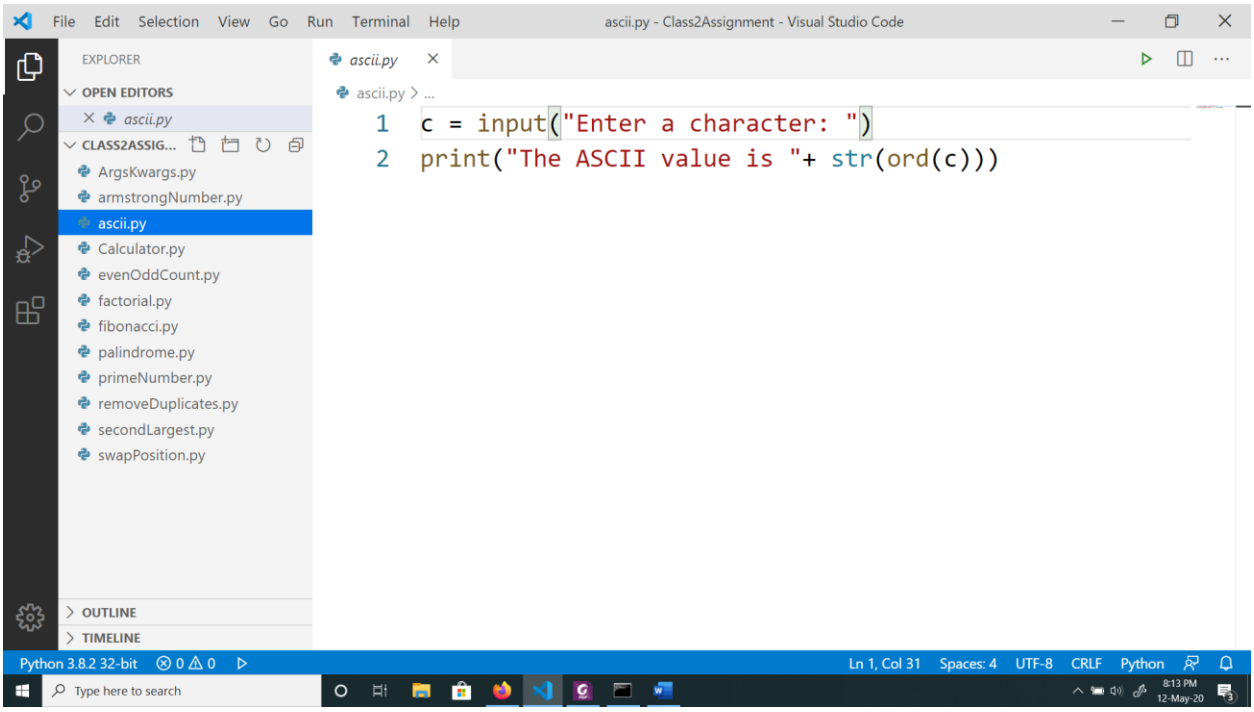
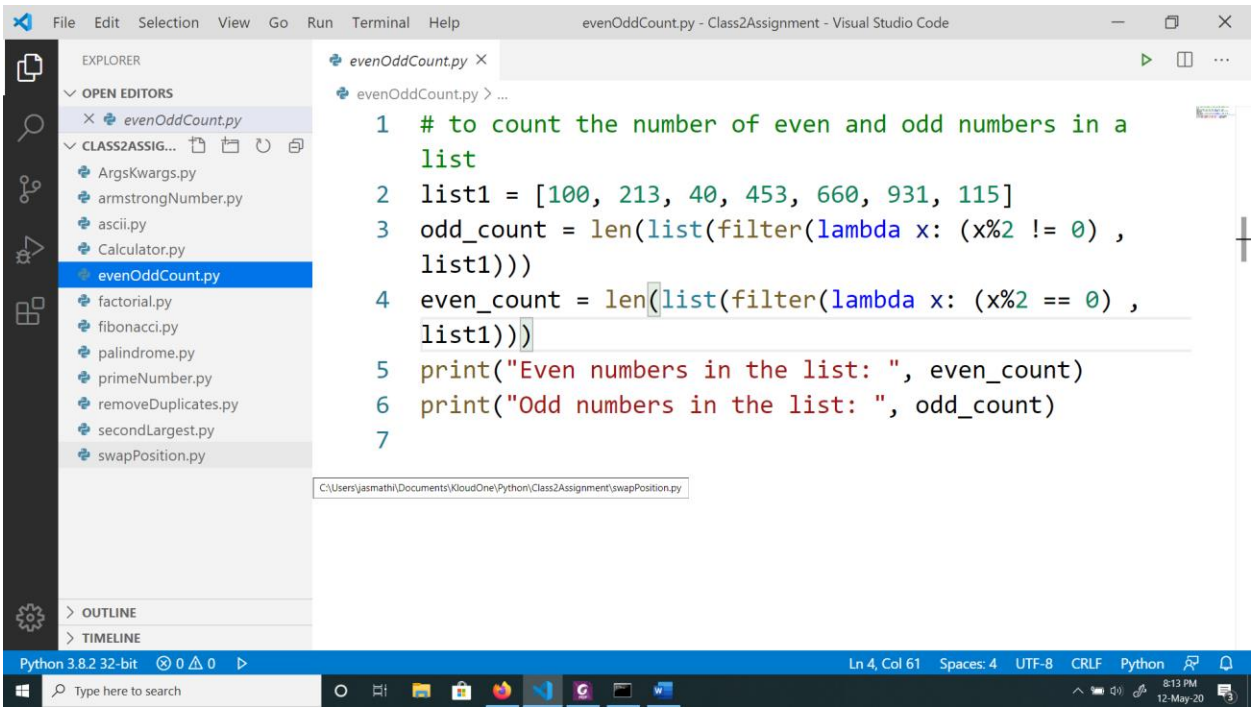
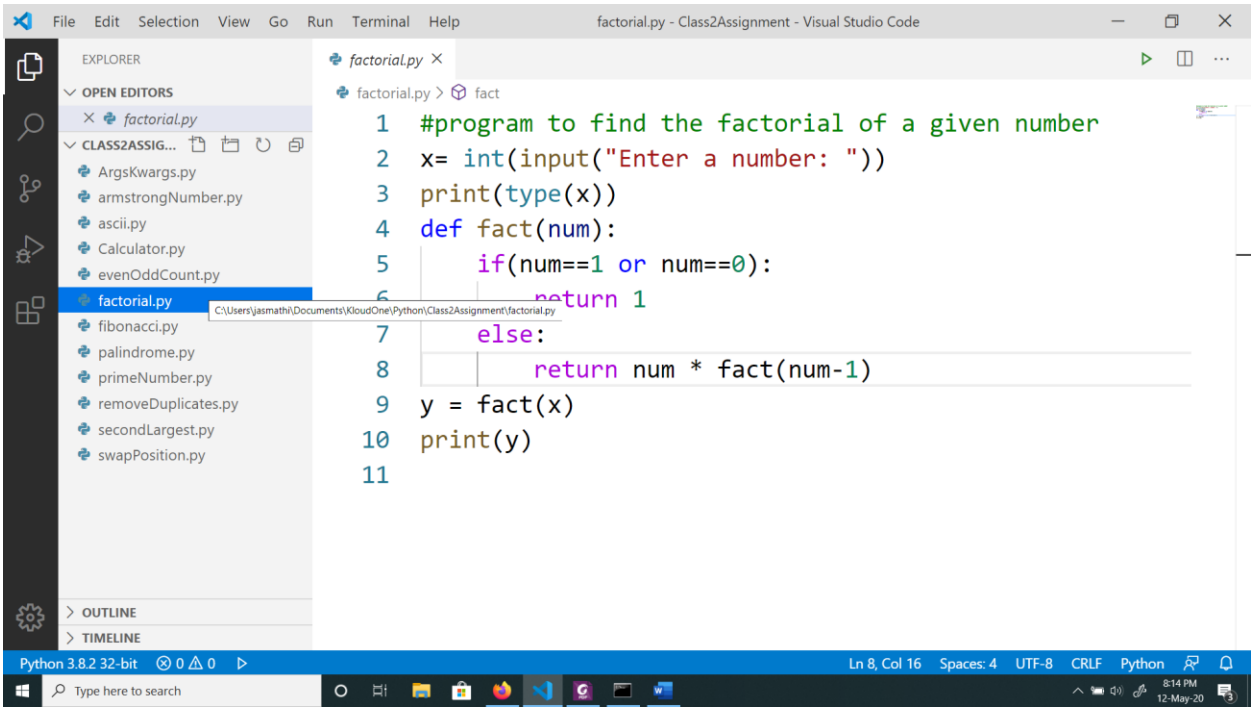
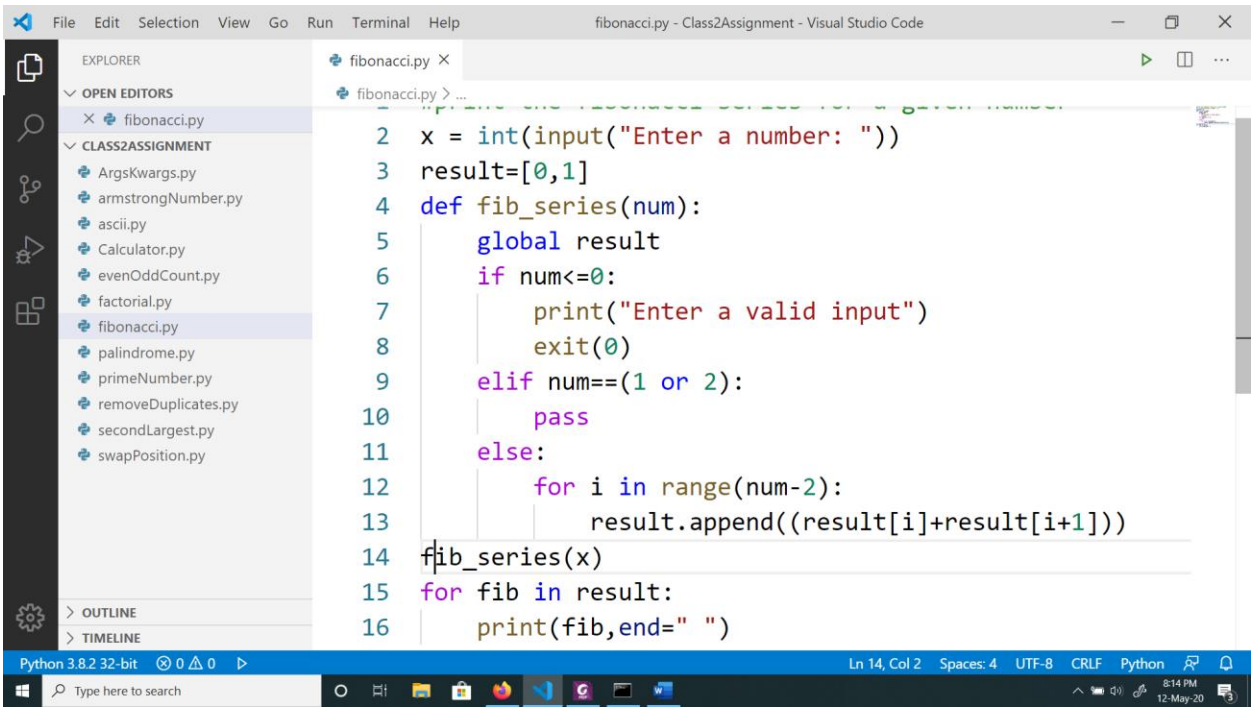
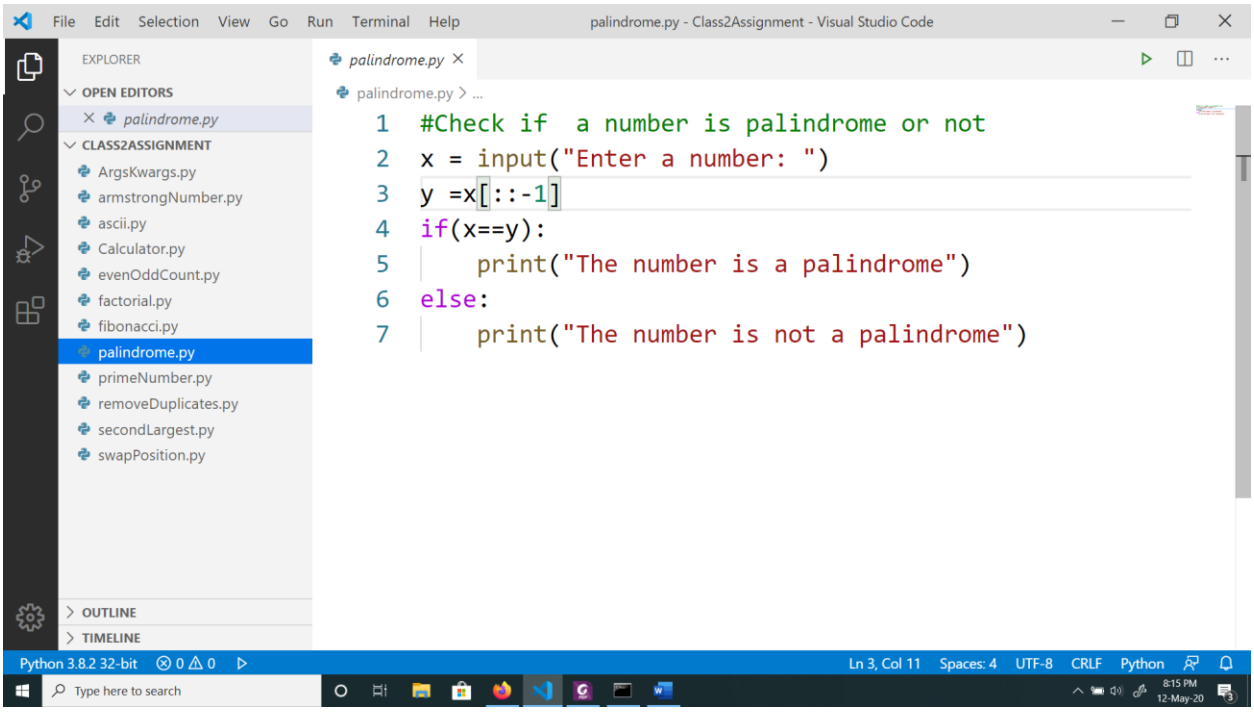

File Edit Selection View Go Run Terminal Help
armstrongNumber.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
armstrongNumber.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
armstrongNumber.py > out
#to check if a number is armstrong number or not
x=input("Enter a number: ")
x= x.lstrip('0')
order = len(x)
number = list(x)
out = [int(num)**order for num in number]
total =sum(out)
if total== int(x):
print(x," is an armstrong number")
else:
print(x," is not an armstrong number")
Python 3.8.2 32-bit
Ln 6, Col 1 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:13 PM
12-May-20

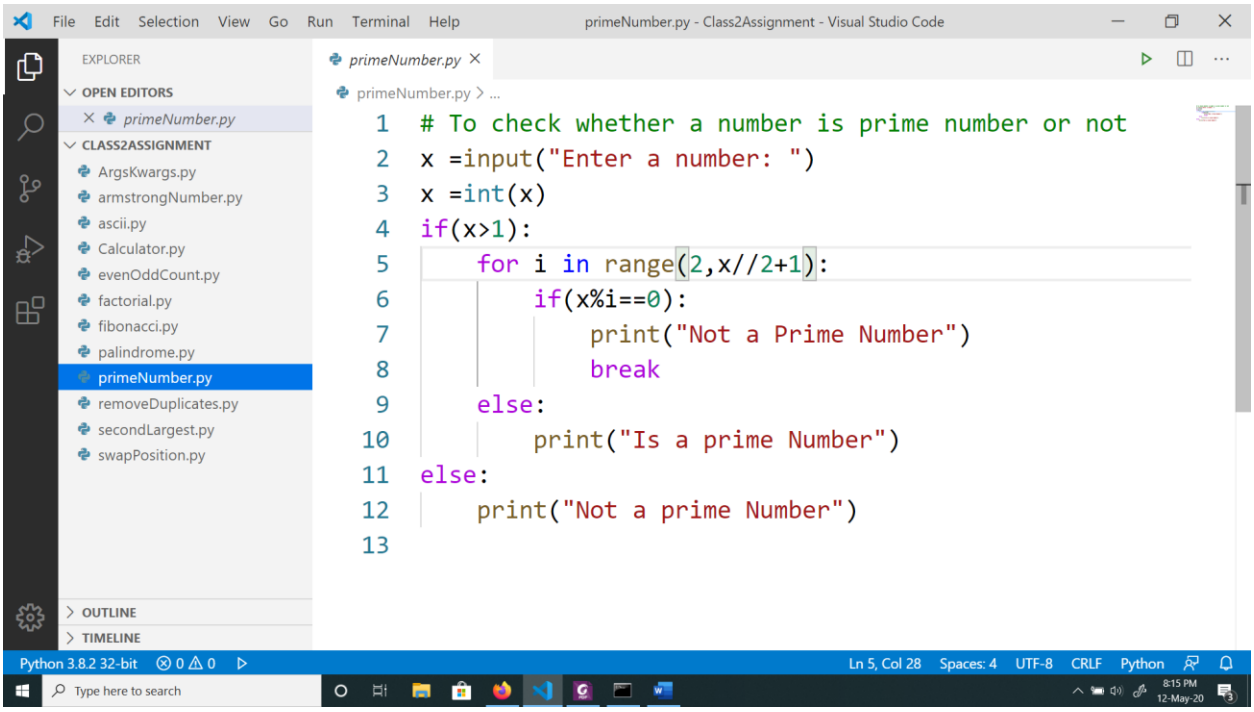

File Edit Selection View Go Run Terminal Help
ascii.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
ascii.py
CLASS2ASSIG...
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
ascii.py > ...
c = input("Enter a character: ")
print("The ASCII value is "+ str(ord(c)))
Python 3.8.2 32-bit
Ln 1, Col 31 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:13 PM
12-May-20

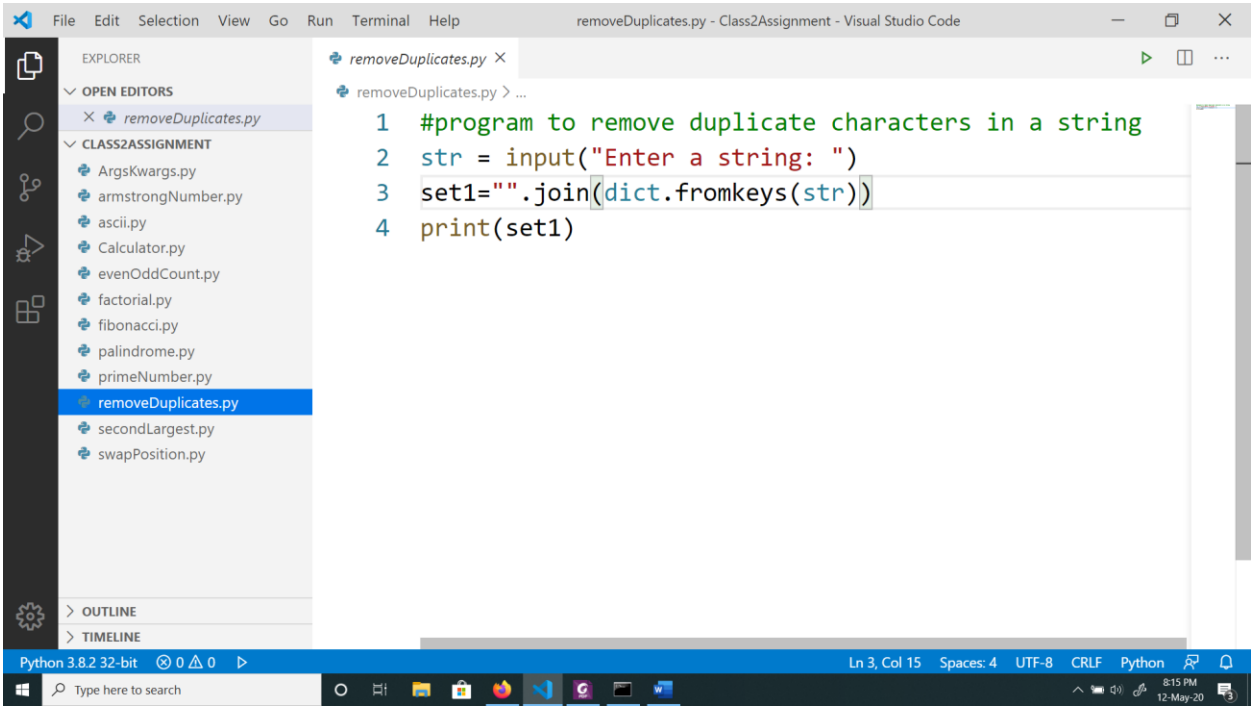

File Edit Selection View Go Run Terminal Help
evenOddCount.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
evenOddCount.py
CLASS2ASSIG...
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
evenOddCount.py
1 # to count the number of even and odd numbers in a list
2 list1 = [100, 213, 40, 453, 660, 931, 115]
3 odd_count = len(list(filter(lambda x: (x%2 != 0) , list1)))
4 even_count = len(list(filter(lambda x: (x%2 == 0) , list1)))
5 print("Even numbers in the list: ", even_count)
6 print("Odd numbers in the list: ", odd_count)
7
C:\Users\jasmathi\Documents\KloudOne\Python\Class2Assignment\swapPosition.py
Python 3.8.2 32-bit
Ln 4, Col 61 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:13 PM
12-May-20

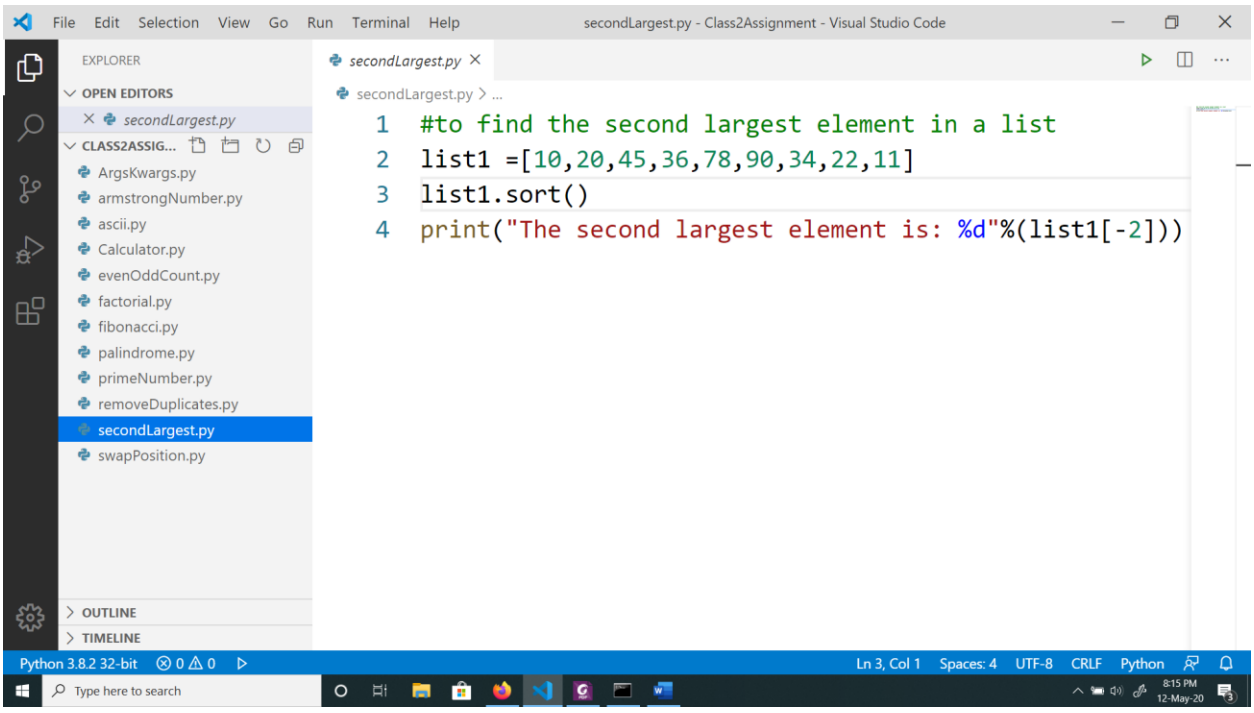

File Edit Selection View Go Run Terminal Help
factorial.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
factorial.py
CLASS2ASSIG...
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
factorial.py
fact
1 #program to find the factorial of a given number
2 x= int(input("Enter a number: "))
3 print(type(x))
4 def fact(num):
5 if(num==1 or num==0):
return 1
7 else:
8 return num * fact(num-1)
9 y = fact(x)
10 print(y)
11
C:\Users\jasmathi\Documents\KloudOne\Python\Class2Assignment\factorial.py
Python 3.8.2 32-bit
Ln 8, Col 16 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:14 PM
12-May-20

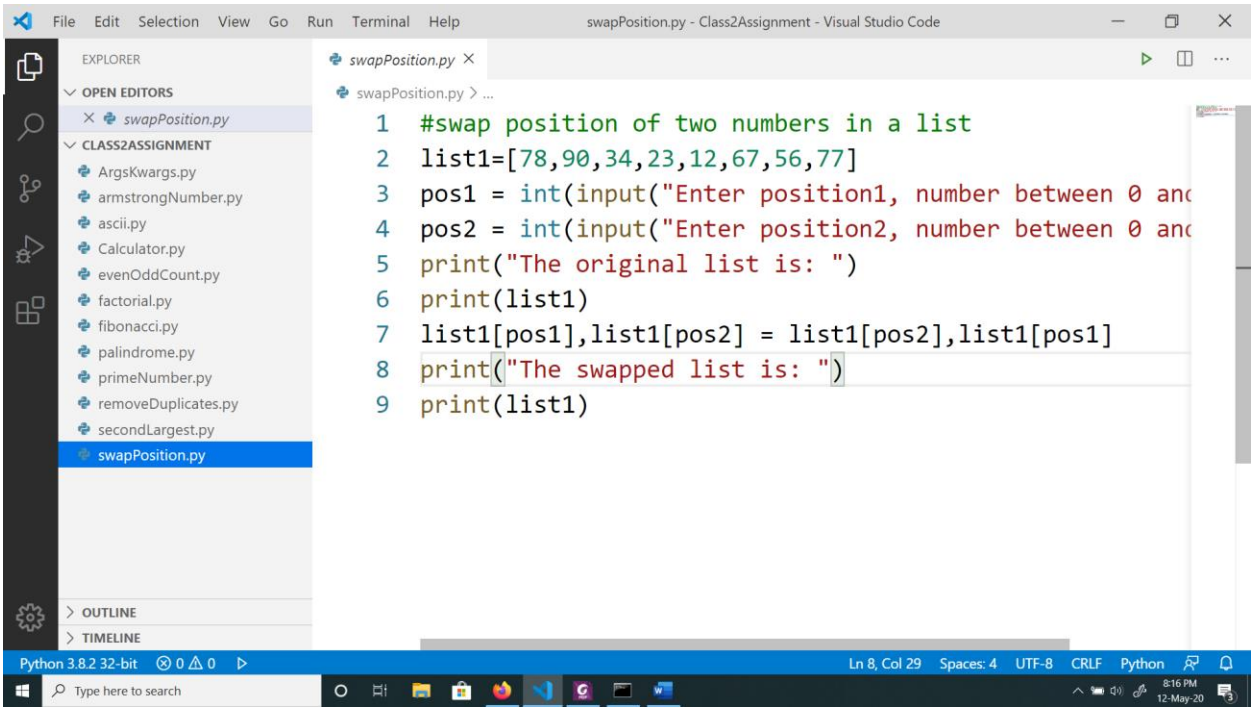

File Edit Selection View Go Run Terminal Help
fibonacci.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
fibonacci.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
fibonacci.py
fibonacci.py > ...
x = int(input("Enter a number: "))
result=[0,1]
def fib_series(num):
global result
if num<=0:
print("Enter a valid input")
exit(0)
elif num==(1 or 2):
pass
else:
for i in range(num-2):
result.append((result[i]+result[i+1]))
fib_series(x)
for fib in result:
print(fib,end=" ")
Python 3.8.2 32-bit
Ln 14, Col 2 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:14 PM
12-May-20

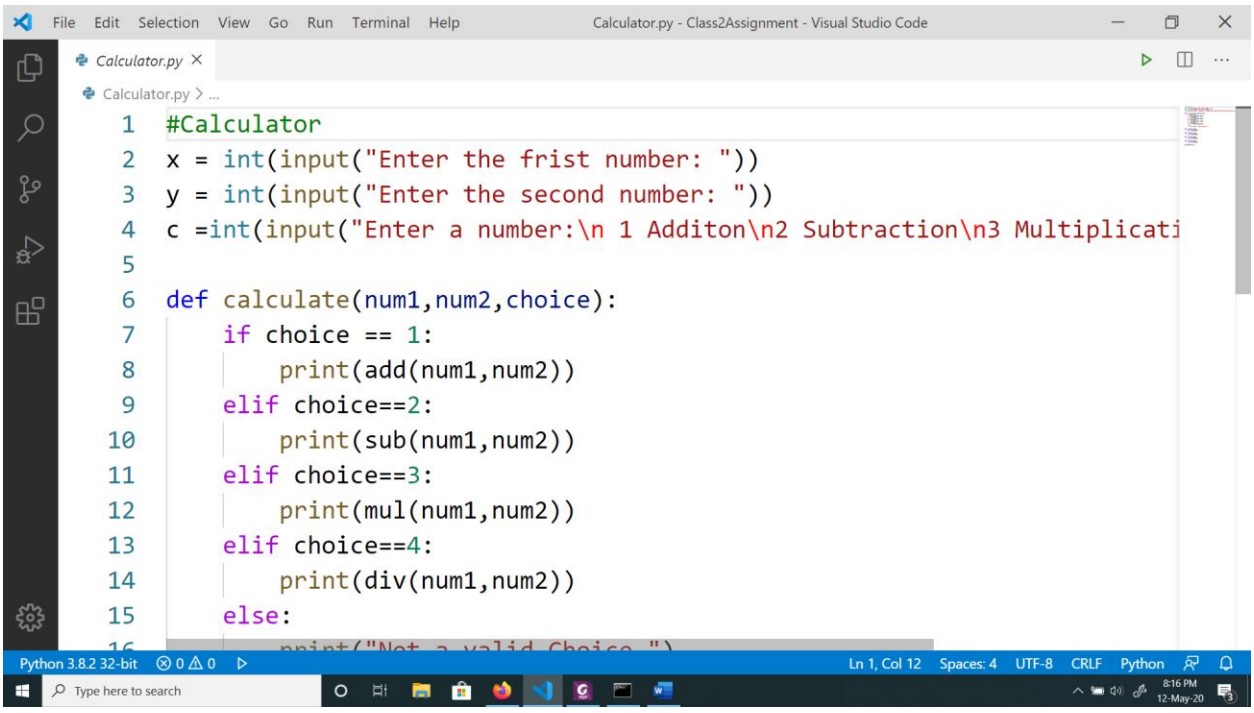

File Edit Selection View Go Run Terminal Help
palindrome.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
palindrome.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
palindrome.py
palindrome.py > ...
#Check if a number is palindrome or not
x = input("Enter a number: ")
y =x[::-1]
if(x==y):
print("The number is a palindrome")
else:
print("The number is not a palindrome")
Python 3.8.2 32-bit
Ln 3, Col 11 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:15 PM
12-May-20

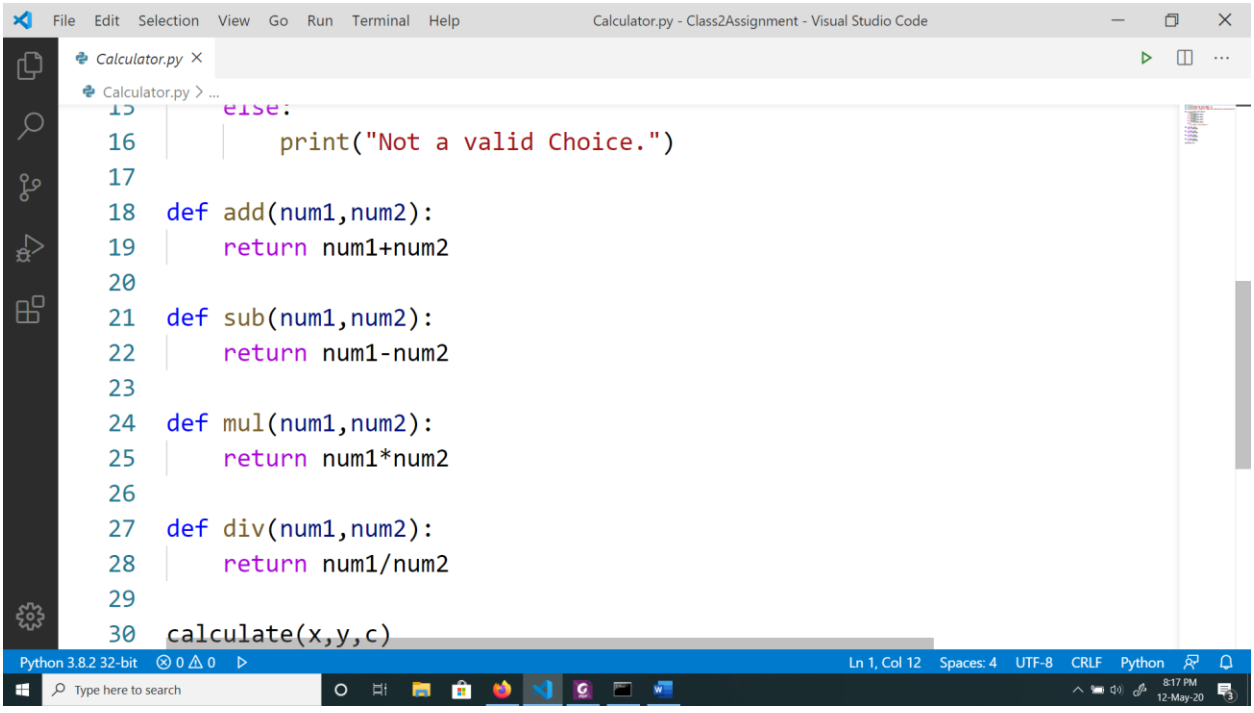

File Edit Selection View Go Run Terminal Help
primeNumber.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
primeNumber.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
primeNumber.py
primeNumber.py > ...
1 # To check whether a number is prime number or not
2 x =input("Enter a number: ")
3 x =int(x)
4 if(x>1):
5 for i in range(2,x//2+1):
6 if(x%i==0):
7 print("Not a Prime Number")
8 break
9 else:
10 print("Is a prime Number")
11 else:
12 print("Not a prime Number")
13
Python 3.8.2 32-bit
Ln 5, Col 28
Spaces: 4
UTF-8
CRLF
Python
Type here to search
8:15 PM
12-May-20

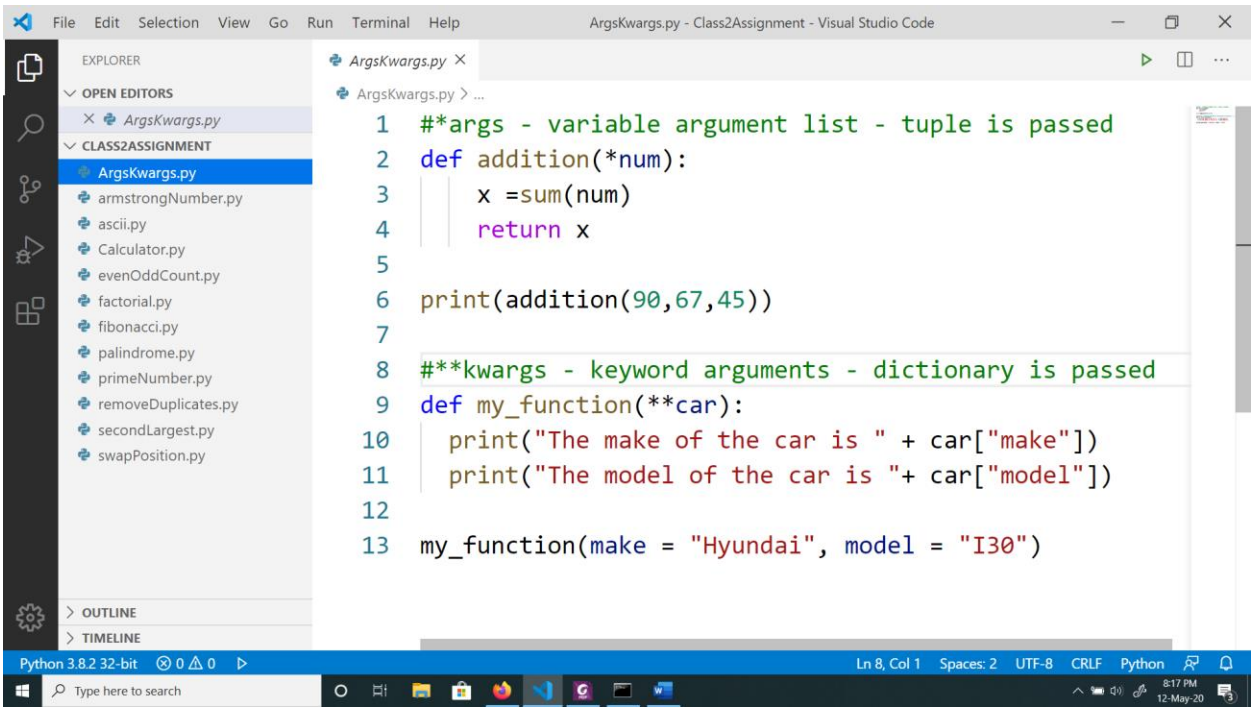

File Edit Selection View Go Run Terminal Help
removeDuplicates.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
removeDuplicates.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
removeDuplicates.py
removeDuplicates.py > ...
1 #program to remove duplicate characters in a string
2 str = input("Enter a string: ")
3 set1="".join(dict.fromkeys(str))
4 print(set1)
Python 3.8.2 32-bit
Ln 3, Col 15
Spaces: 4
UTF-8
CRLF
Python
Type here to search
8:15 PM
12-May-20


File Edit Selection View Go Run Terminal Help
secondLargest.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
secondLargest.py
CLASS2ASSIG...
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
secondLargest.py > ...
1 #to find the second largest element in a list
2 list1 =[10,20,45,36,78,90,34,22,11]
3 list1.sort()
4 print("The second largest element is: %d"%(list1[-2]))
Python 3.8.2 32-bit
Ln 3, Col 1 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:15 PM
12-May-20


File Edit Selection View Go Run Terminal Help
swapPosition.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
swapPosition.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
ascii.py
Calculator.py
evenOddCount.py
factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
swapPosition.py > ...
1 #swap position of two numbers in a list
2 list1=[78,90,34,23,12,67,56,77]
3 pos1 = int(input("Enter position1, number between 0 and
4 pos2 = int(input("Enter position2, number between 0 and
5 print("The original list is: ")
6 print(list1)
7 list1[pos1],list1[pos2] = list1[pos2],list1[pos1]
8 print("The swapped list is: ")
9 print(list1)
Python 3.8.2 32-bit
Ln 8, Col 29 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:16 PM
12-May-20


File Edit Selection View Go Run Terminal Help
Calculator.py - Class2Assignment - Visual Studio Code
Calculator.py
Calculator.py > ...
#Calculator
x = int(input("Enter the frist number: "))
y = int(input("Enter the second number: "))
c =int(input("Enter a number:\n 1 Additon\n2 Subtraction\n3 Multiplicati
def calculate(num1,num2,choice):
if choice == 1:
print(add(num1,num2))
elif choice==2:
print(sub(num1,num2))
elif choice==3:
print(mul(num1,num2))
elif choice==4:
print(div(num1,num2))
else:
Python 3.8.2 32-bit
Ln 1, Col 12 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:16 PM
12-May-20


File Edit Selection View Go Run Terminal Help
Calculator.py - Class2Assignment - Visual Studio Code
Calculator.py
Calculator.py > ...
print("Not a valid Choice.")
def add(num1,num2):
return num1+num2
def sub(num1,num2):
return num1-num2
def mul(num1,num2):
return num1*num2
def div(num1,num2):
return num1/num2
calculate(x,y,c)
Python 3.8.2 32-bit
Ln 1, Col 12 Spaces: 4 UTF-8 CRLF Python
Type here to search
8:17 PM
12-May-20


File Edit Selection View Go Run Terminal Help
ArgsKwargs.py - Class2Assignment - Visual Studio Code
EXPLORER
OPEN EDITORS
ArgsKwargs.py
CLASS2ASSIGNMENT
ArgsKwargs.py
armstrongNumber.py
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Calculator.py
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factorial.py
fibonacci.py
palindrome.py
primeNumber.py
removeDuplicates.py
secondLargest.py
swapPosition.py
OUTLINE
TIMELINE
ArgsKwargs.py
ArgsKwargs.py > ...
1 #*args - variable argument list - tuple is passed
2 def addition(*num):
3 x =sum(num)
4 return x
5
6 print(addition(90,67,45))
7
8 #**kwargs - keyword arguments - dictionary is passed
9 def my_function(**car):
10 print("The make of the car is " + car["make"])
11 print("The model of the car is "+ car["model"])
12
13 my_function(make = "Hyundai", model = "I30")
Python 3.8.2 32-bit
Ln 8, Col 1 Spaces: 2 UTF-8 CRLF Python
Type here to search
8:17 PM
12-May-20