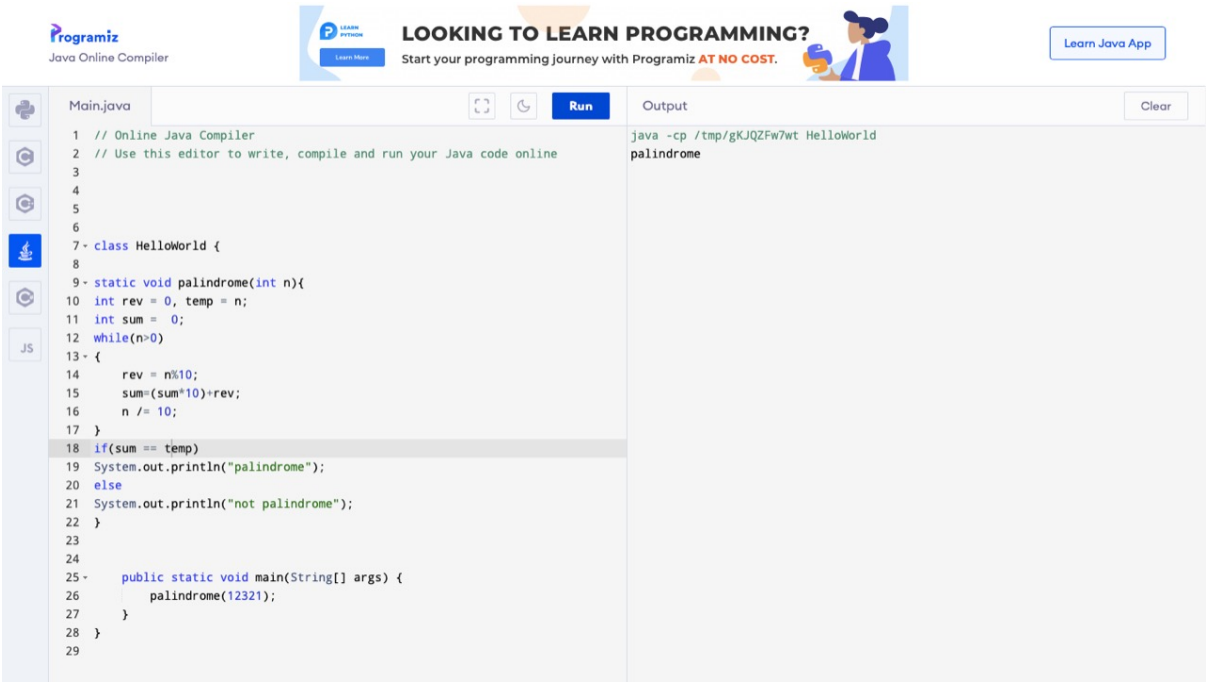
TEAM : NOOBS ULTIMATE

ROHAN NYATI

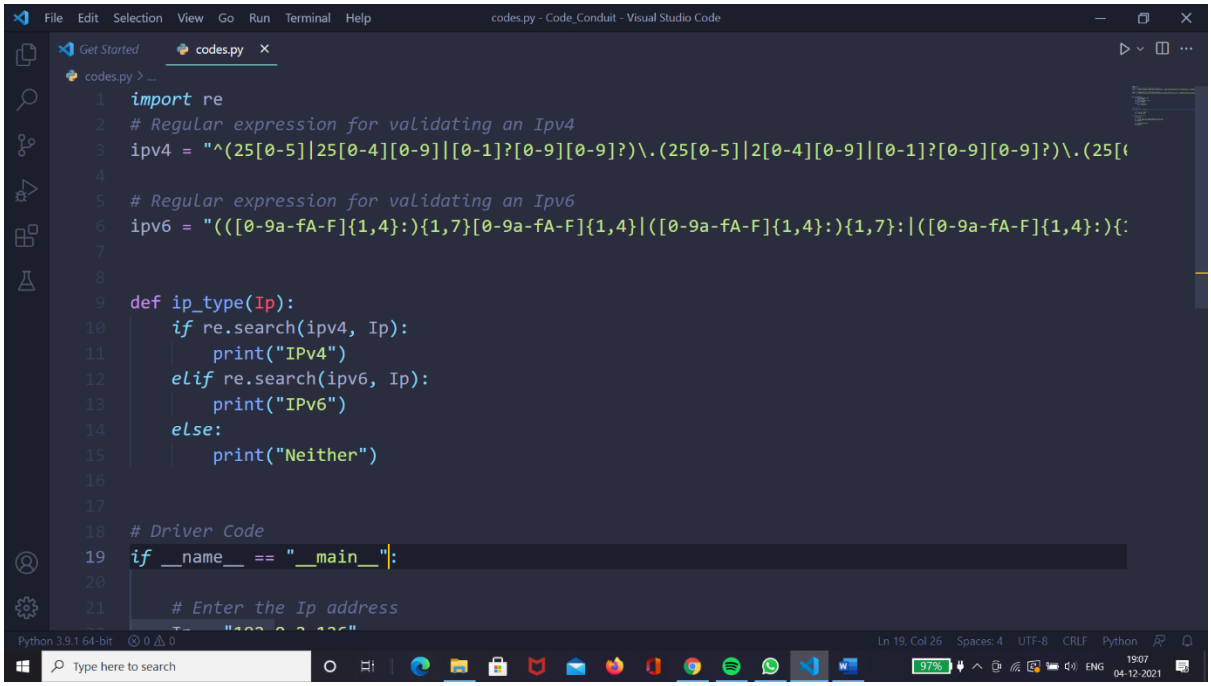
ARIHANT JAIN

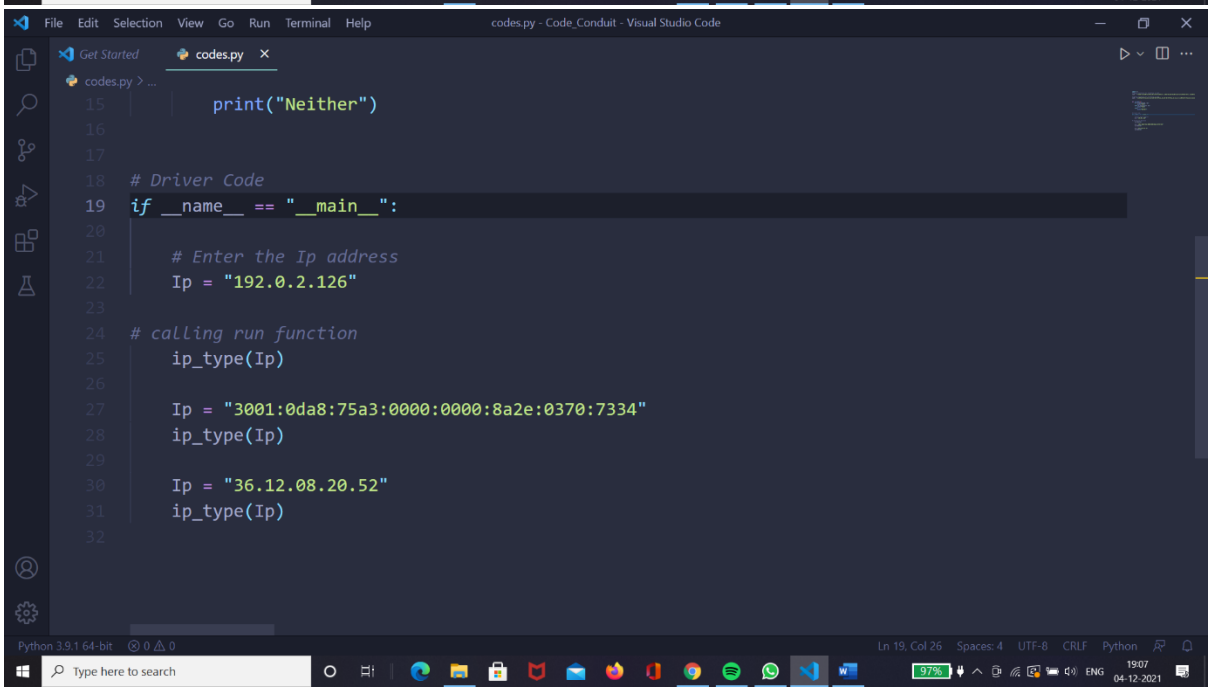
QUES 1
Correct Code + Solution

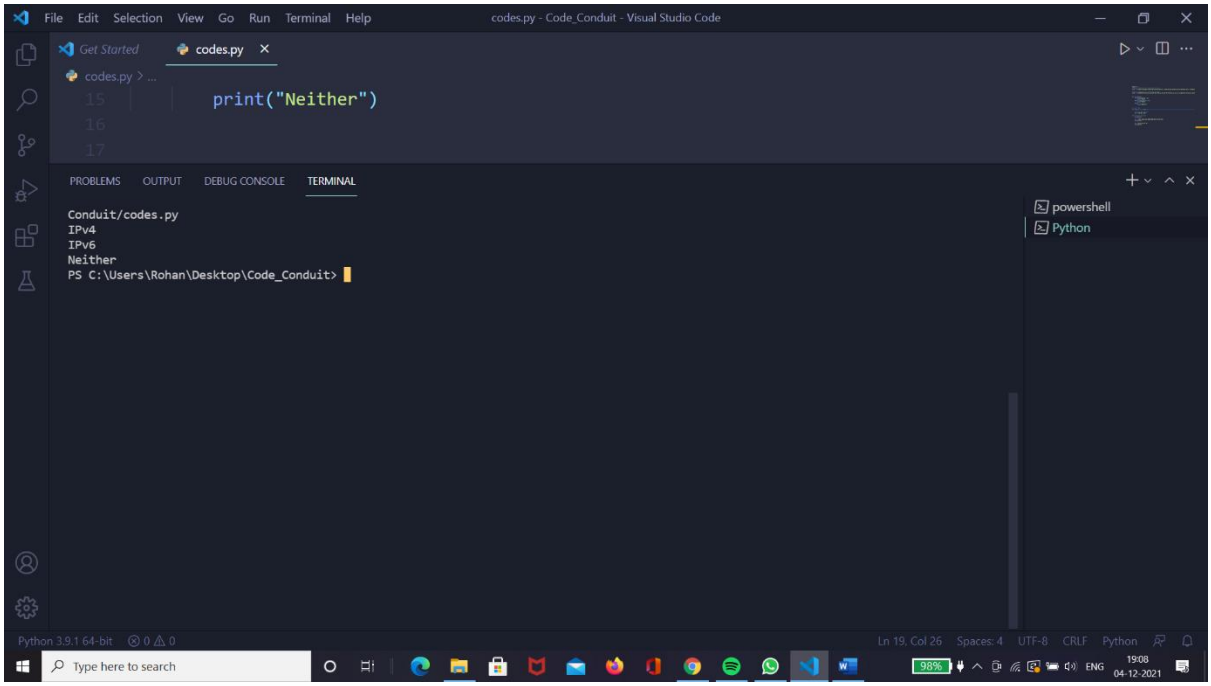


Question: 2

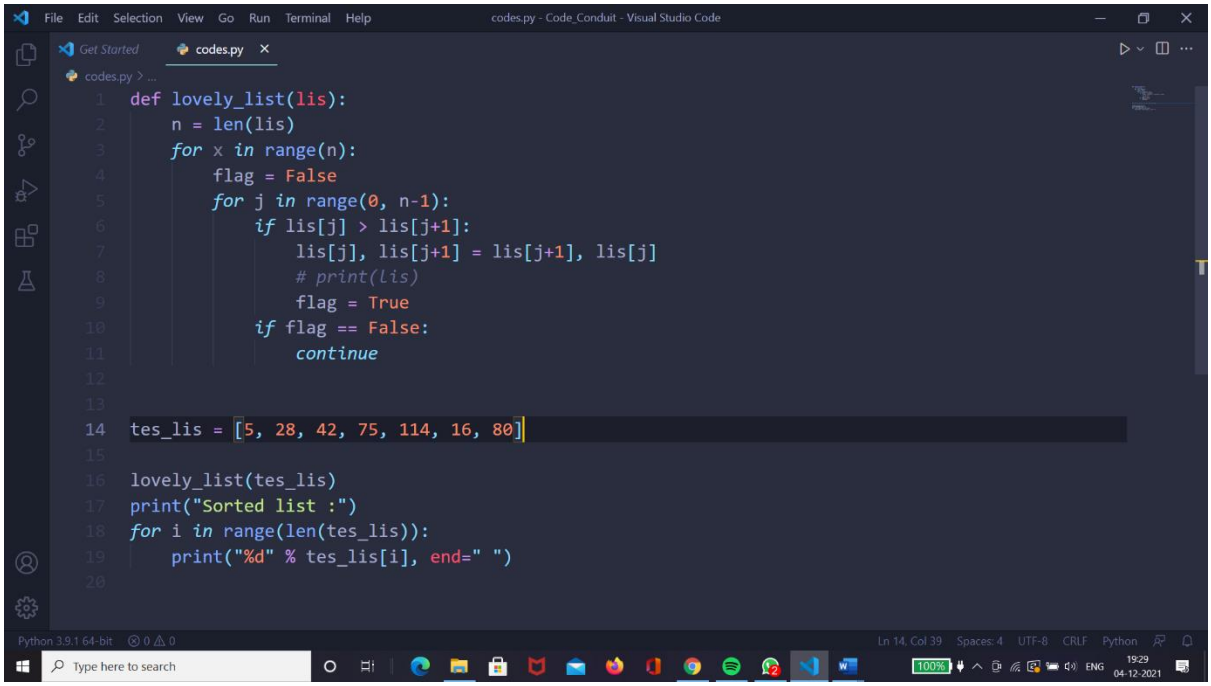
Correct Code + Solution

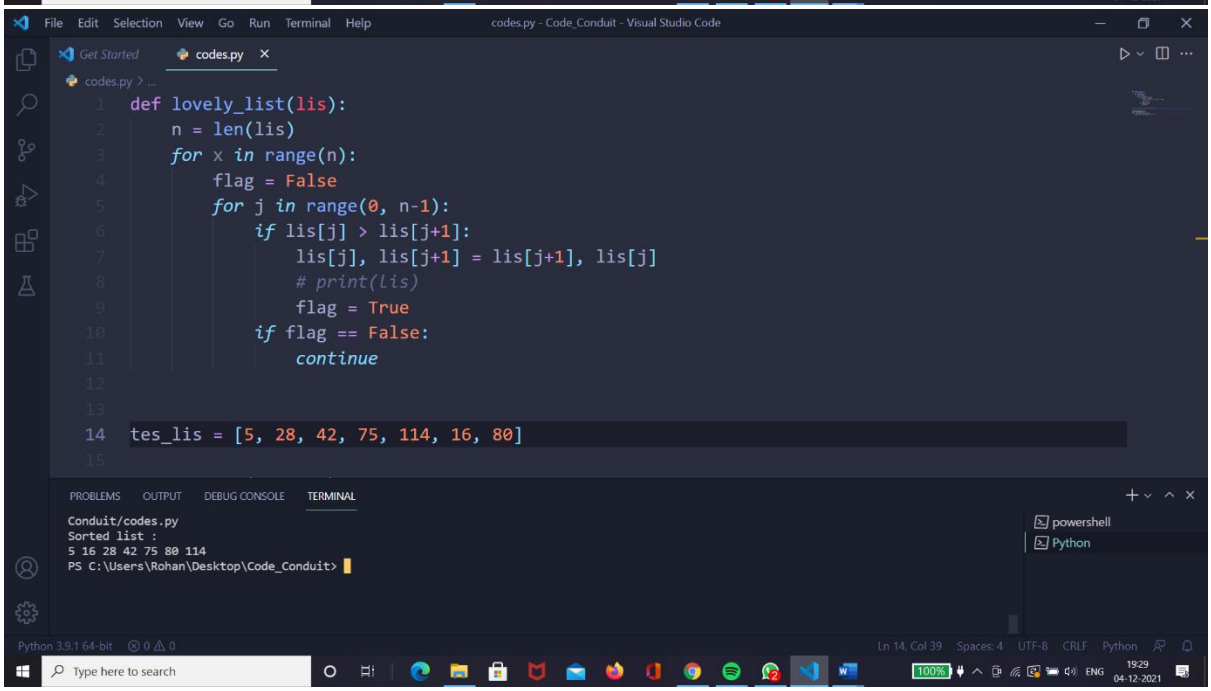

File Edit Selection View Go Run Terminal Help
codes.py - Code_Conduit - Visual Studio Code
Get Started
codes.py
codes.py > ...
import re
# Regular expression for validating an Ipv4
ipv4 = "^(25[0-5]|25[0-4][0-9]|[0-1]?[0-9][0-9]?)\.(25[0-5]|2[0-4][0-9]|[0-1]?[0-9][0-9]?)\.(25[(
# Regular expression for validating an Ipv6
ipv6 = "(([0-9a-fA-F]{1,4}:){1,7}[0-9a-fA-F]{1,4}|([0-9a-fA-F]{1,4}:){1,7}:|([0-9a-fA-F]{1,4}:){
def ip_type(Ip):
if re.search(ipv4, Ip):
print("IPv4")
elif re.search(ipv6, Ip):
print("IPv6")
else:
print("Neither")
# Driver Code
if __name__ == "__main__":
# Enter the Ip address
Python 3.9.1 64-bit
Ln 19, Col 26 Spaces: 4 UTF-8 CRLF Python
Type here to search
97%
ENG
19:07
04-12-2021


File Edit Selection View Go Run Terminal Help
codes.py - Code_Conduit - Visual Studio Code
Get Started
codes.py
codes.py > ...
print("Neither")
# Driver Code
if __name__ == "__main__":
# Enter the Ip address
Ip = "192.0.2.126"
# calling run function
ip_type(Ip)
Ip = "3001:0da8:75a3:0000:0000:8a2e:0370:7334"
ip_type(Ip)
Ip = "36.12.08.20.52"
ip_type(Ip)
Python 3.9.1 64-bit
Ln 19, Col 26 Spaces: 4 UTF-8 CRLF Python
Type here to search
97%
ENG
19:07
04-12-2021



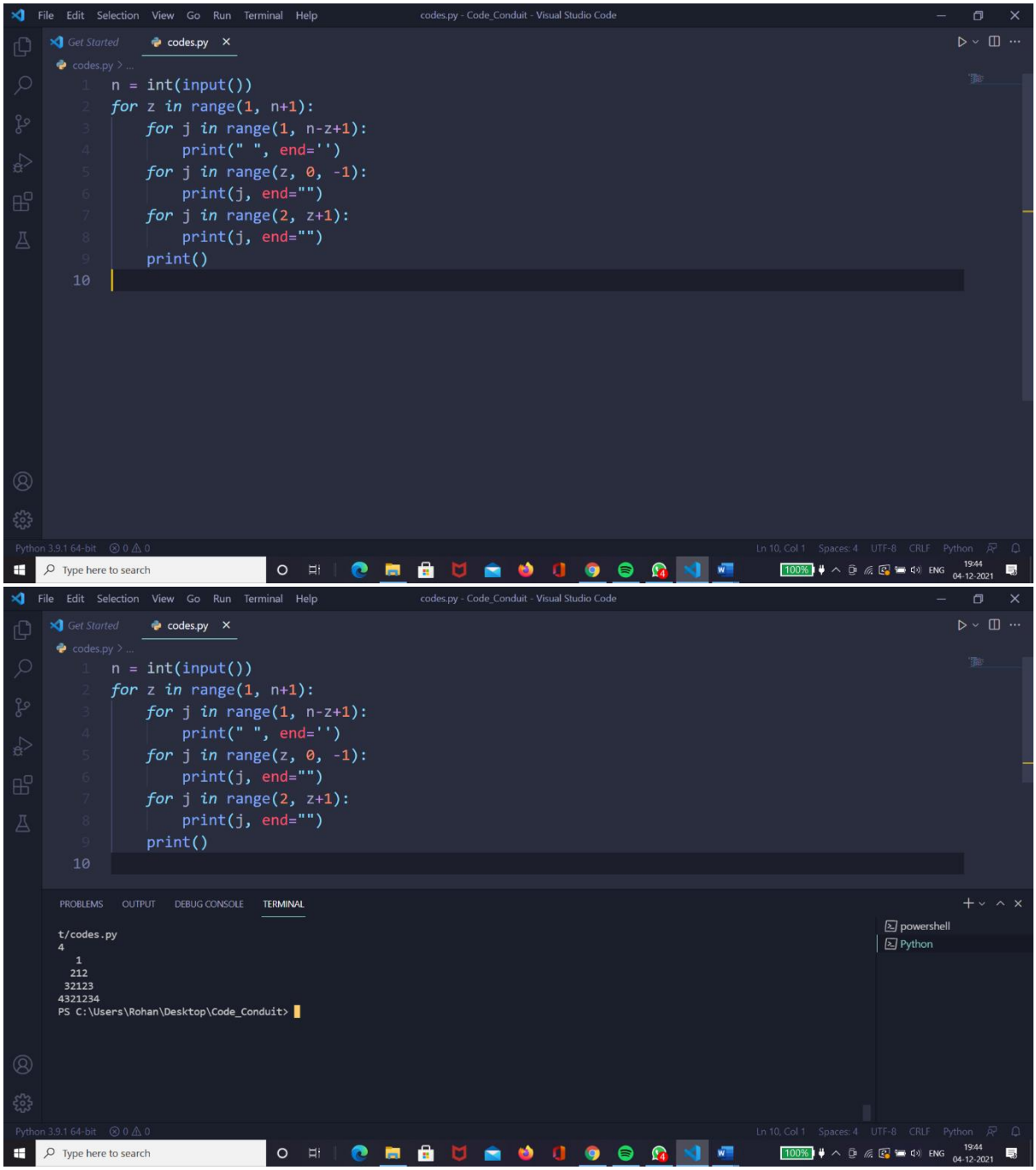
QUES 3
Correct Code + Solution





QUES 4

Correct Code + Solution

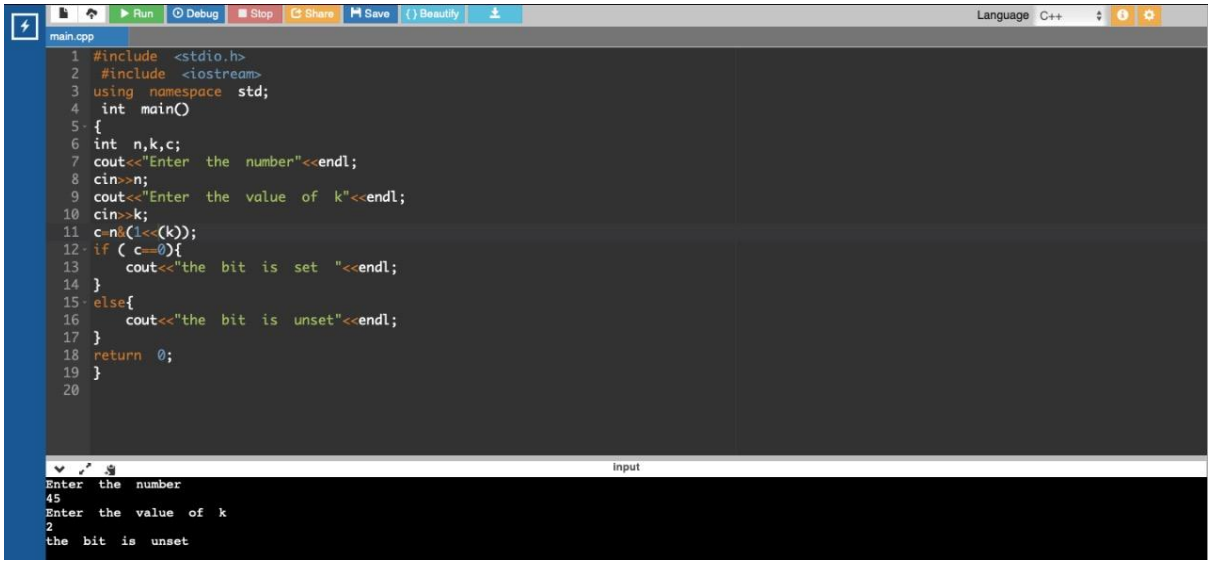


QUES 5

Correct Code + Solution

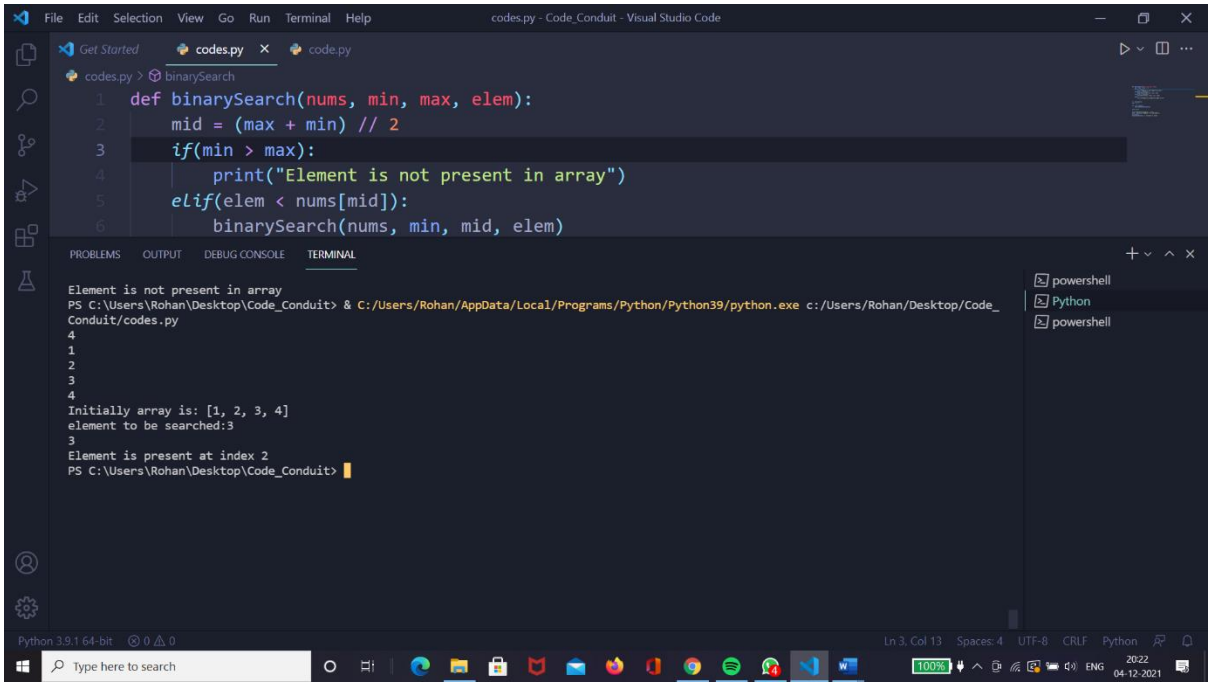
QUES 6

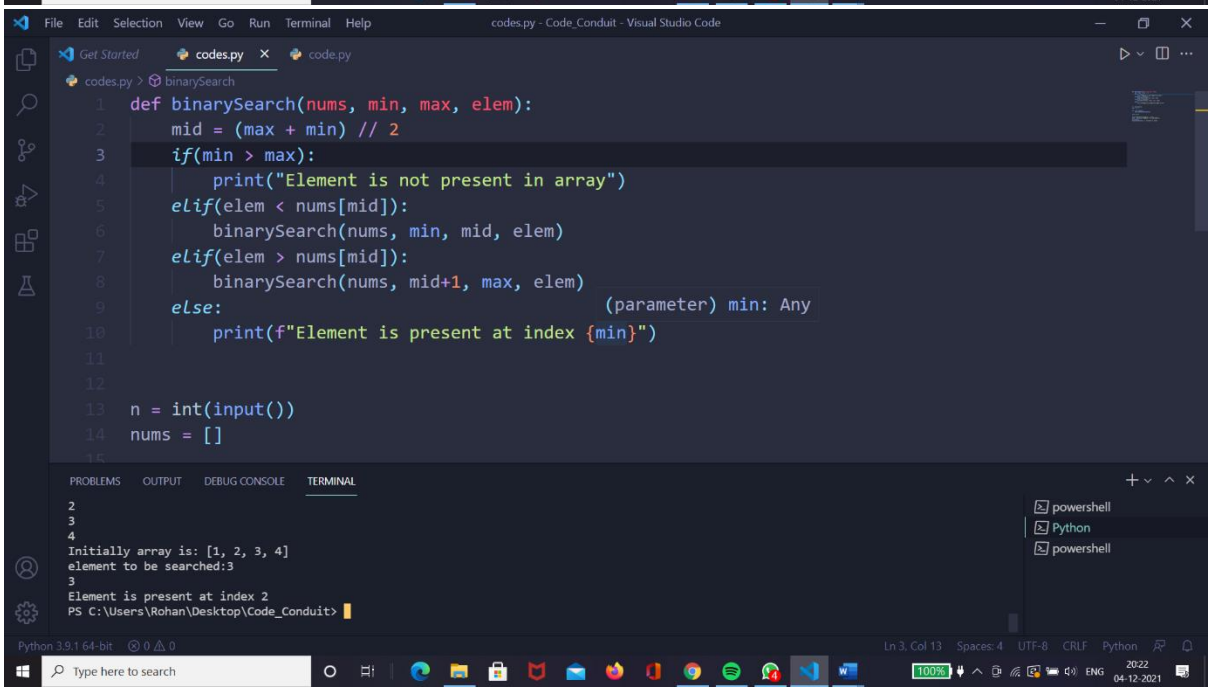
Correct Code + Solution



QUES 7

Correct Code + Solution


File Edit Selection View Go Run Terminal Help
codes.py - Code_Conduit - Visual Studio Code
Get Started
codes.py
code.py
codes.py > binarySearch
def binarySearch(nums, min, max, elem):
mid = (max + min) // 2
if(min > max):
print("Element is not present in array")
elif(elem < nums[mid]):
binarySearch(nums, min, mid, elem)
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
Element is not present in array
PS C:\Users\Rohan\Desktop\Code_Conduit> & C:/Users/Rohan/AppData/Local/Programs/Python/Python39/python.exe c:/Users/Rohan/Desktop/Code_Conduit/codes.py
4
1
2
3
4
Initially array is: [1, 2, 3, 4]
element to be searched:3
3
Element is present at index 2
PS C:\Users\Rohan\Desktop\Code_Conduit>
powershell
Python
powershell
Python 3.9.1 64-bit
Ln 3, Col 13
Spaces: 4
UTF-8
CRLF
Python
Type here to search
ENG
20:22
04-12-2021


File Edit Selection View Go Run Terminal Help
codes.py - Code_Conduit - Visual Studio Code
Get Started
codes.py
code.py
codes.py > binarySearch
def binarySearch(nums, min, max, elem):
mid = (max + min) // 2
if(min > max):
print("Element is not present in array")
elif(elem < nums[mid]):
binarySearch(nums, min, mid, elem)
elif(elem > nums[mid]):
binarySearch(nums, mid+1, max, elem)
else:
(parameter) min: Any
print(f"Element is present at index {min}")
n = int(input())
nums = []
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
2
3
4
Initially array is: [1, 2, 3, 4]
element to be searched:3
3
Element is present at index 2
PS C:\Users\Rohan\Desktop\Code_Conduit>
powershell
Python
powershell
Python 3.9.1 64-bit
Ln 3, Col 13
Spaces: 4
UTF-8
CRLF
Python
Type here to search
ENG
20:22
04-12-2021