



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
الجامعة الإسلامية العالمية شيتاغونغ
International Islamic University Chittagong

LAB REPORT

COURSE TITLE : Programming with Python

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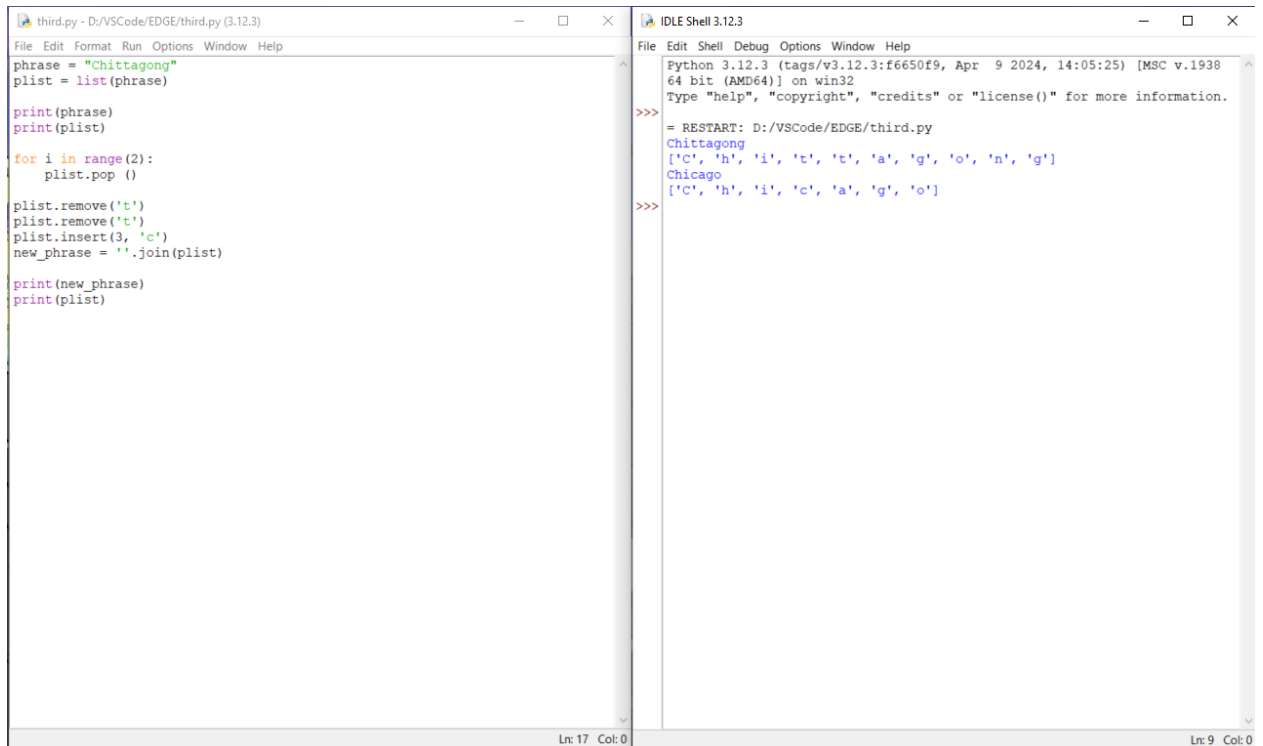
SEMESTER : 4th

DEPARTMENT : Computer Science and Engineering

DATE OF SUBMISSION : 16th December, 2024.

REMARK:

1. Write a program to turn the word "Chittagong" into 'Chicago'.



The image shows a screenshot of a Python IDE with two panels. The left panel displays a Python script named 'third.py' that performs a string transformation. The right panel shows the output of the script in the 'IDLE Shell'.

Python Script (third.py):

```
phrase = "Chittagong"
plist = list(phrase)

print(phrase)
print(plist)

for i in range(2):
    plist.pop ()

plist.remove('t')
plist.remove('t')
plist.insert(3, 'c')
new_phrase = ''.join(plist)

print(new_phrase)
print(plist)
```

IDLE Shell Output:

```
>>>
Python 3.12.3 (tags/v3.12.3:f6650f9, Apr 9 2024, 14:05:25) [MSC v.1938
64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: D:/VSCoDe/EDGE/third.py
Chittagong
['C', 'h', 'i', 't', 't', 'a', 'g', 'o', 'n', 'g']
Chicago
['C', 'h', 'i', 'c', 'a', 'g', 'o']
>>>
```

The status bar at the bottom indicates the current line and column: 'Ln: 17 Col: 0' for the script and 'Ln: 9 Col: 0' for the shell.