Programming Lab (Lab 11)

zyBooks & Python

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INTRODUCTION

In this lab, we used a combination of practices. We finish chapter 6 of "Programming Fundamentals" in zyBooks. Following the reading, we wrote a program in Python. Below outlines the work in greater detail.

OBJECTIVES

- Further enhance our understanding in Python.
- Further enhance our understanding with Functions in Python.
- Develop more efficient ways to create code in Python.

MATERIAL USED

> (1x) computer for zyBooks and Python.

PROCEDURE

- **Step 1**: Read the instructions outlined in the **lab paper**.
- > <u>Step 2</u>: Follow the instructions given from the **lab paper** (Follow the order of given instructions *i.e.* "Read zyBooks first then do Python code").

RESULTS AND DISCUSSION

(Continued on next page)



Python code for Question 2



```
| Division | def divide(num1, num2):
| print(num1 / num2):
| def operations():
| description == il:
| selection based on user input | if operation == 'l':
| add(num1, num2) |
| elif Operation == 'l':
| substract(num1, num2) |
| elif Operation == 'l':
| substract(num1, num2) |
| elif Operation == 'l':
| substract(num1, num2) |
| elif Operation == 'l':
| divide(num1, num2) |
| Operation, num1, num2 = main() |
| print(num1, num2) |
| operations() |
| foundation == 'les':
| total catalate == 'les':
| break |
| else:
| Operation, num1, num2 = main() |
| print(num1, num2) = main() |
| print(num1, num2, operation) |
| operations() |
```

Python code output for Question 3