UNIVERSITI TEKNOLOGI MARA (UiTM),

MERBOK, KEDAH

FACULTY OF INFORMATION SCIENCE STUDIES,

COLLEGE OF COMPUTING,

INFROMATICS AND MEDIA STUDIES

PROGRAMMING FOR LIBRARIES (IML208)

INDIVIDUAL ASSIGNMENT

CLASS: KIM1443B

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INDIVIDUAL ASSIGNMENT

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WEEK 12

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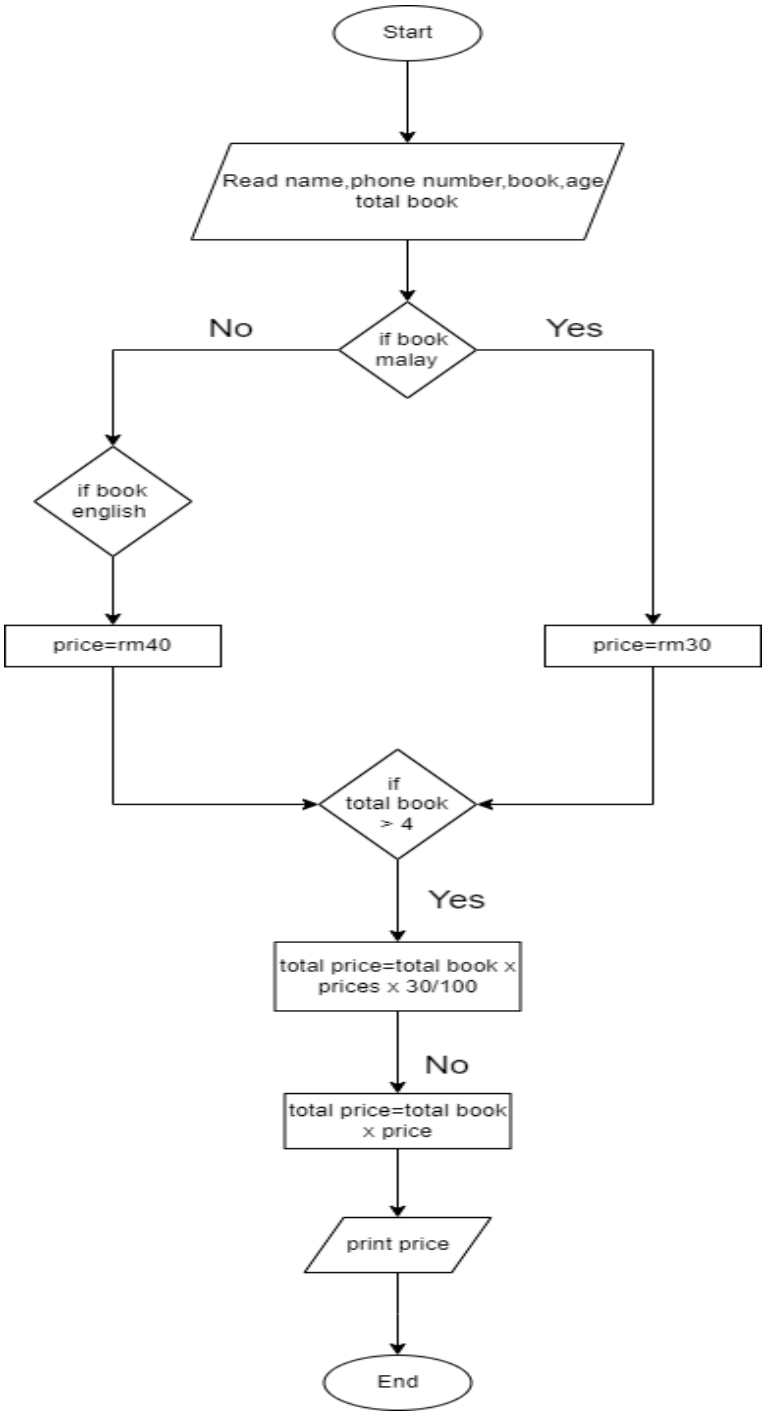
1.0 INTRODUCTION

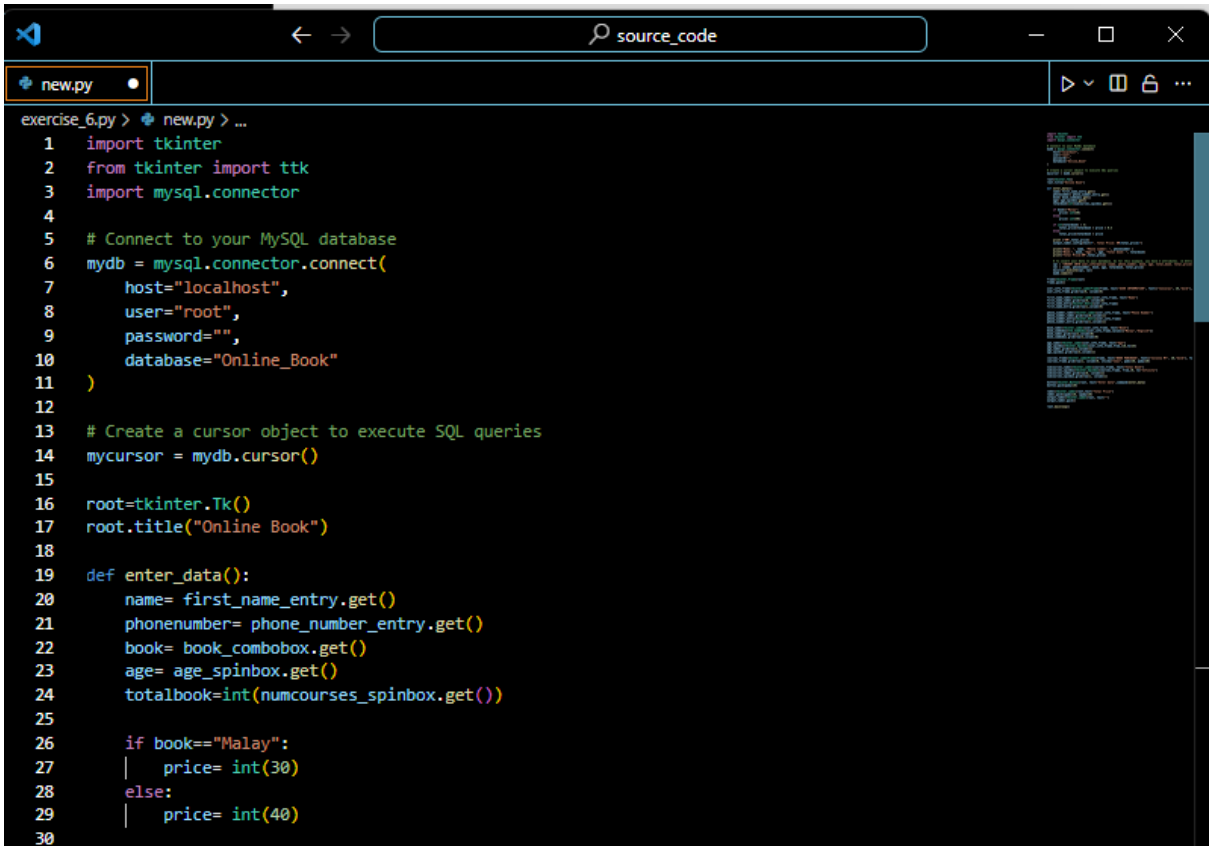
Regarding my report, I have chosen the title of the online book. This online book is for a person who can order a book online. This online book requires some information about the individual to facilitate the purchase. Based on the report, I entered the information as user information. The user information contains name, phone number, book, age, total book, and finally total price.

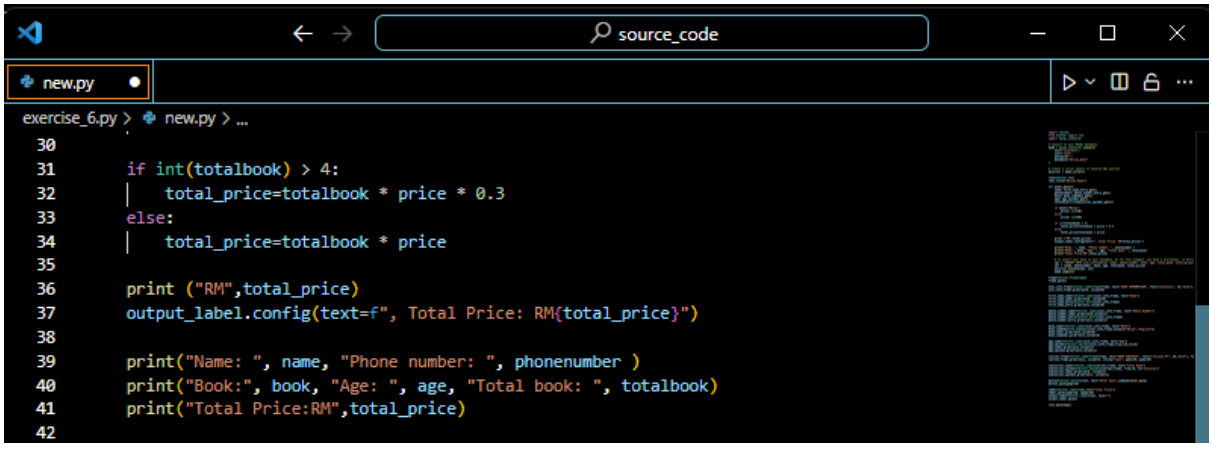
This online book system can work by entering some user information. This system can work by entering a name, phone number, book, age, and total book. After entering all this, the next thing is to click the enter data button. After entering all this, the next thing is to click the enter data button. When you click the button enter data, the total price is also released. Not only that, the total price released is also likely to have a discount for the purchase of more than five books.

2.0 FLOWCHART



3.0 SNAPSHOT CODE





source_code

new.py

exercise_6.py > new.py > enter_data

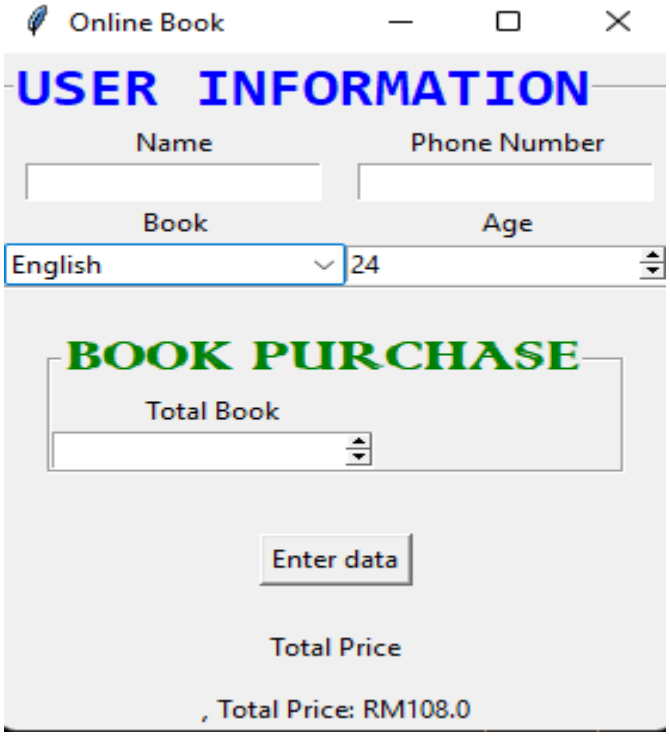
```
42
43      # To insert your Data to your database, As for this example, you have 3 attributes. (2 Attributes from your selection (Package, Pack) and another attributes that derived from your
44      sql = "INSERT INTO user_information (name, phone_number, book, age, total_book, total_price) VALUES (%s,%s,%s,%s,%s,%s)"
45      val = (name, phonenumber, book, age, totalbook, total_price)
46      mycursor.execute(sql, val)
47      mydb.commit()
48
49  frame=tkinter.Frame(root)
50  frame.pack()
51
52  user_info_frame=tkinter.LabelFrame(frame, text="USER INFORMATION", font=("Consolas", 20,"bold"), foreground= "blue")
53  user_info_frame.grid(row=0, column=0)
54
55  first_name_label=tkinter.Label(user_info_frame, text="Name")
56  first_name_label.grid(row=0, column=0)
57  first_name_entry=tkinter.Entry(user_info_frame)
58  first_name_entry.grid(row=1,column=0)
59
60  phone_number_label=tkinter.Label(user_info_frame, text="Phone Number")
61  phone_number_label.grid(row=0,column=1)
62  phone_number_entry=tkinter.Entry(user_info_frame)
63  phone_number_entry.grid(row=1,column=1)
```


```
62
63      phone_number_label=tkinter.Label(user_info_frame, text="Phone Number")
64      phone_number_label.grid(row=0,column=1)
65      phone_number_entry=tkinter.Entry(user_info_frame)
66      phone_number_entry.grid(row=1,column=1)
67
68      book_label=tkinter.Label(user_info_frame, text="Book")
69      book_combobox=ttk.Combobox(user_info_frame,values=["Malay","English"])
70      book_label.grid(row=2,column=0)
71      book_combobox.grid(row=3,column=0)
72
73      age_label=tkinter.Label(user_info_frame, text="Age")
74      age_spinbox=tkinter.Spinbox(user_info_frame,from_=18,to=25)
75      age_label.grid(row=2,column=1)
76      age_spinbox.grid(row=3,column=1)
77
```

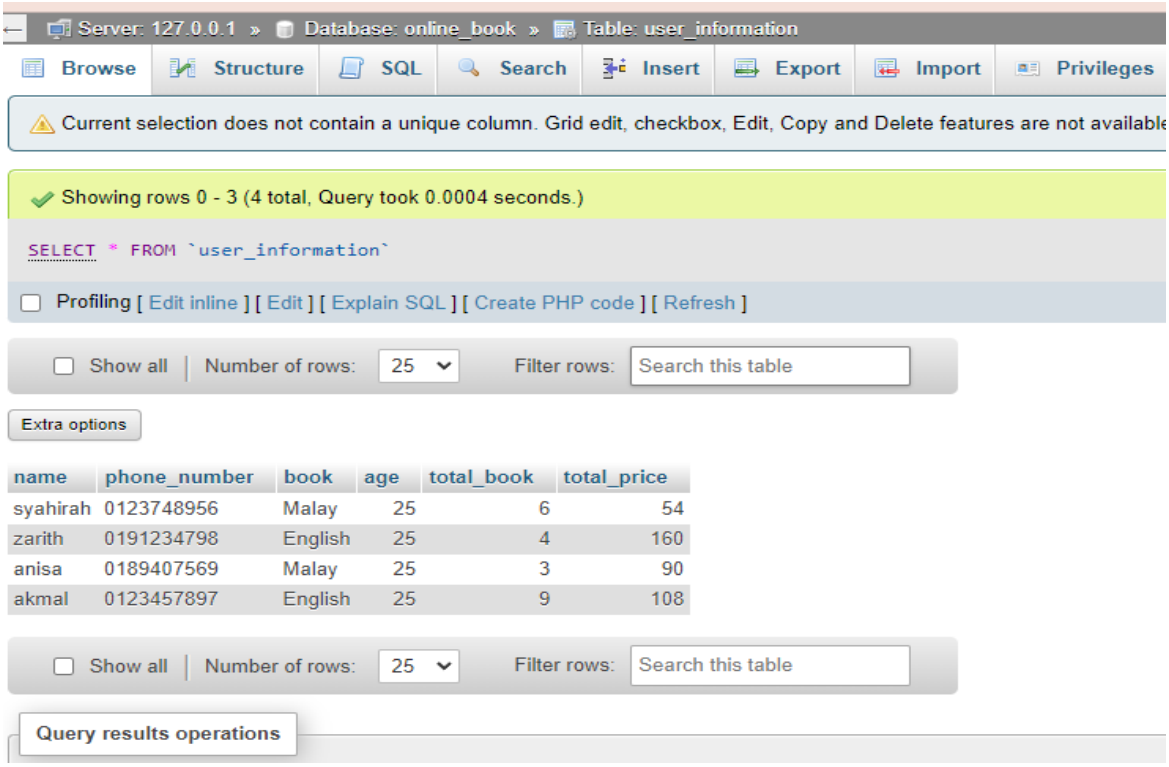
```
78      numcourses_label=tkinter.Label(courses_frame, text="Total Book")
79      numcourses_spinbox=tkinter.Spinbox(courses_frame, from_=0, to="Infinity")
80      numcourses_label.grid(row=0, column=1)
81      numcourses_spinbox.grid(row=1, column=1)
82
83      button=tkinter.Button(root, text="Enter data",command=enter_data)
84      button.pack(pady=10)
85
86      label=tkinter.Label(root,text="Total Price")
87      label.pack(ipadx=10, ipady=10)
88      output_label=tkinter.Label(root, text="")
89      output_label.pack()
90
91      root.mainloop()
92
```

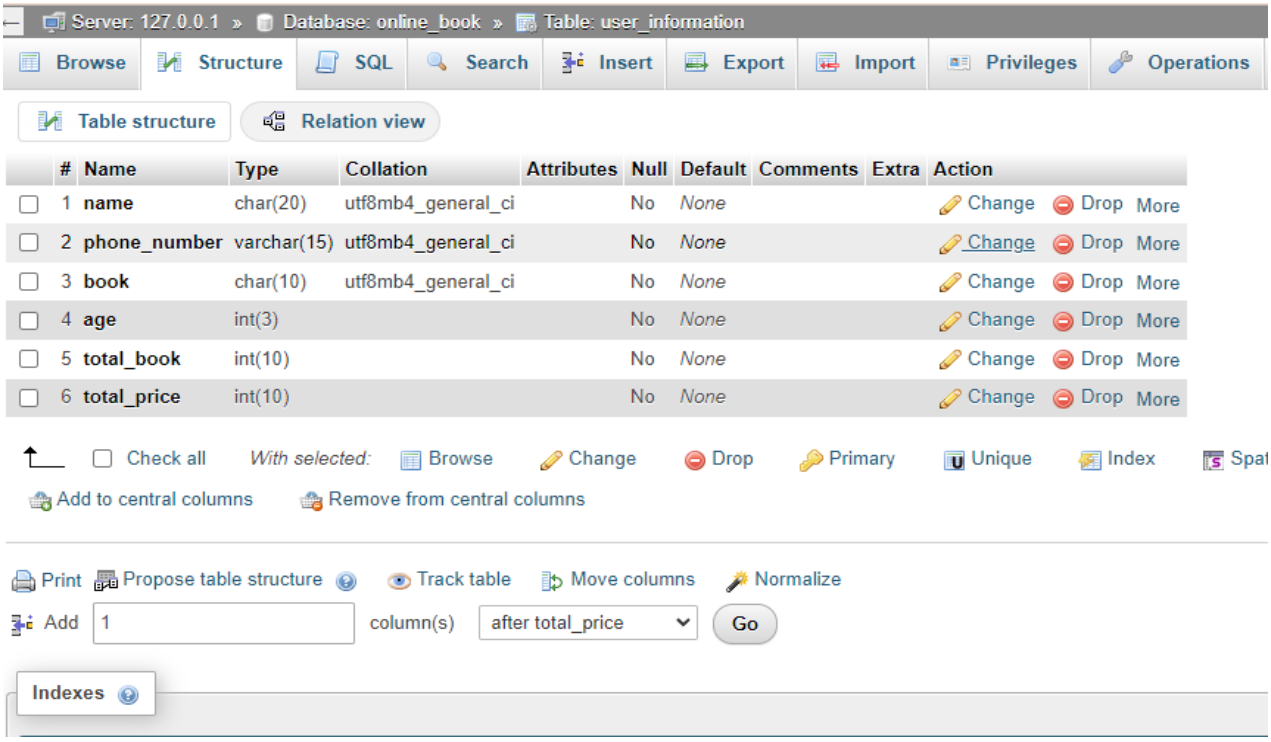
Ln 31, Col 4 Spaces: 4 UTF-8 CRLF Python

4.0 SNAPSHOT GUI



5.0 SNAPSHOT DATABASE




Server: 127.0.0.1 » Database: online_book » Table: user_information
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Table structure
Relation view
Name Type Collation Attributes Null Default Comments Extra Action
1 name char(20) utf8mb4_general_ci No None Change Drop More
2 phone_number varchar(15) utf8mb4_general_ci No None Change Drop More
3 book char(10) utf8mb4_general_ci No None Change Drop More
4 age int(3) No None Change Drop More
5 total_book int(10) No None Change Drop More
6 total_price int(10) No None Change Drop More
Check all
With selected:
Browse
Change
Drop
Primary
Unique
Index
Add to central columns
Remove from central columns
Print
Propose table structure
Track table
Move columns
Normalize
Add
1
column(s)
after total_price
Go
Indexes


source_code
online_book.sql
C: > Users > User > Downloads > online_book.sql
-- phpMyAdmin SQL Dump
-- version 5.2.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Jan 03, 2024 at 07:05 PM
-- Server version: 10.4.32-MariaDB
-- PHP Version: 8.2.12
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
--
-- Database: `online_book`
--
-- --
--
-- Table structure for table `user_information`
--

7.0 CONCLUSION

In conclusion, by doing all these tasks, I was able to learn several things. Among them, I know how to Cread & Read. Not only that, I also understand how the calculation is done and produced. Before this, I only listened to and watched videos. This caused me to lack understanding. But when I do it, I understand more and I learn a lot about it. In the beginning, when I do a lot of problems obtained. With this problem, I need to learn and be more careful to solve the problem.