



Sri Lanka Institute of Information Technology
B. Sc (Hons). Degree in IT
Year 1 – Semester 1 – 2020 – June Intake
Introduction To Programming (IT1010)
Online 3
Version E

Time : 30 min

A book store uses an array to store the prices of the books.

Write a C program to do the following.

- Declare a double array called **price** of size 6.
- Initialize all the array elements to 0.
- Input the prices of 6 books from the keyboard and store them in the array. If the user input zero or a negative value, display an appropriate error message and ask to re-enter the price.

Input format:

Input the price of book 1 : 200.00
Input the price of book 2 : 250.00
Input the price of book 3 : 0
Please re-enter the amount
Input the price of book 4 : 150.00
.....
.....

- The book store decided to reduce the price of all the books in the store by 10%. Update the array with new prices.
- Display the new price list as shown below.

| Book ID | Price |
|----------------|--------------|
| 1 | 180.00 |
| 2 | 225.00 |
| 3 | |
| 4 | |

Save your program as ITXXXXXX.c