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

                 Time : 1 hour

Implement a C Program to find the total expenditure for a holiday packages offered by the "Paradise Lanka" Hotel.

Option	Hotel Room	Charges per guest (LKR)		
		2 Persons	3 to 5 Persons	More than 5 Persons
1	Suit	45,000	44,000	43,000
2	Superior	40,000	38,000	35,000
3	Deluxe	37,500	35,000	32,000

	Additional tours	Charges per guest (LKR)
1	Safari	3500
2	Bird Watching	1000
3	Boat Ride	1500
4	City Tour	2000

Input the "Option", number of guests and the number of days of the stay at the Hotel. Then the user should be prompted to input Additional Tours by displaying the message "Do you need to include any other package ?" If the user enters 'y' or 'Y' then the program should allow the user to input an additional tour the total price should be calculated. The user should be prompted to add additional tours until he enters 'n' or 'N'. Then the program should terminate after printing the Total Price for the complete package that the user has selected.

Your program should also display an error message if the user has entered an invalid option.

Save the program as *ITXXXXXX.c*

Sample output:
 Input Room Option : 1
 Number of guests : 5
 Number of Days : 2
 Do you need any additional tours (y/n) : y
  Input your option : 2
 Do you need any additional tours (y/n) : y
  Input your option : 3
 Do you need any additional tours (y/n) : n
  Total Price : 452500.00