

LBEP Practical Exercise 04

Writing a program in C Language to perform the following task.

Question 1:

[10 marks]

1. Show a menu as the **figure 01**:

[4 marks]

```
*****
C PROGRAM LANGUAGE
1. Question 02.
2. Question 03.
3. Exit.
*****
Enter Choice (1 - 3):
```

figure 01

2. When user enter option 1, 2, 3 the program performs the particular task.
3. If user enter the number that is outside the range (1 - 3), an error message is raised.
4. User can choose Yes/No to come back to step 2.

[6 marks]

Question 2:

[45 marks]

Writing a program in C Language.

1. Asking the user to input the width and high of a rectangle first;
2. Then calculating perimeter and area of the rectangle. (See **figure 02**)

[15 marks]

[30 marks]

```
Enter the width of Rectangle: 10
Enter the high of Rectangle: 5
Perimeter of the Rectangle: 2 * (10 + 5) = 30
Area of the Rectangle: 10 * 5 = 50
```

figure 02

Question 3:

[45 marks]

Writing a program in C Language.

1. Asking the user to input the width and high of a circle first;
2. Then calculating perimeter and area of the circle. (See **figure 03**)

[15 marks]

[30 marks]

```
D:\02. Works\02. Bai tap\01. LBEP\Sources\Ex02_Circle.exe
Enter the radius of Circle: 15
Perimeter of the Circle: 2 * 15.00 * 3.14 = 94.20
Area of the Circle: 15.00 * 15.00 * 3.14 = 706.50
```

figure 03