**CSE 102**

**Practice Offline**

**B2**

**Question 1:** Suppose, you are given a decimal number which contains two digits before the decimal point and two digits after the decimal point. Write a C program that will reverse this number. For example, if the input number is 12.34 then the output should be 43.21. Note that, you CANNOT take any character input using %c and CANNOT show the output using character output (%c).

|  |  |
| --- | --- |
| **Sample Input** | **Sample Output** |
| 10.23 | 32.01 |
| 12.00 | 00.21 (showing 0.21 will also be considered correct) |
| 00.45 | 54.00 |

**Question 2:** Suppose, you are given three points of a triangle (the values can include decimal points and can be positive/negative). Write a C program which will show whether the triangle is equilateral, isosceles or scalene.

|  |  |
| --- | --- |
| **Sample Input** | **Sample Output** |
| 0 0 1.5 1.5 1.5 -1.5 | Isosceles |
| 1 2 3 3 4 2 | Scalene |

**Deadline:**

The deadline of the submission is 11:55 PM, 23/04/18 (Monday).

**Submission Procedure:**

Submit the zipped folder. The procedure of zipping a folder is shown in the class. The link of the submission can be found in the moodle.