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| **CSE 104:** Structured Programming Lab (Sec-1)  Department of Computer Science and Engineering  University of Liberal Arts Bangladesh | | | |
| **Course Title:** Structured Programming lab | | **Course Code:** CSE 104 | |
| **Total Marks:** 20 | | **Time:** 50 minutes | |
| **Name:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **ID:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 1. Write a C program to find the largest of three numbers.   **Test Data:** 12 25 52  **Expected Output:**  1st Number = 12, 2nd Number = 25, 3rd Number = 52  The 3rd Number is the greatest among three. | 5 |
| 1. Write a C program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies.   https://www.w3resource.com/w3r_images/c-conditional-statement-image-exercises-9.png  **Test Data:** 7 9  **Expected Output:**  The coordinate point (7, 9) lies in the First quadrant. | 5 |
| 1. Write a C program to check whether a triangle is Equilateral, Isosceles or Scalene.   https://www.w3resource.com/w3r_images/c-conditional-statement-image-exercises-14.png  **Test Data:** 50 50 60  **Expected Output:**  This is an isosceles triangle. | 5 |
| 1. Write a C program to check whether a character is an alphabet, digit or special character.   **Test Data:** @  **Expected Output:**  This is a special character. | 5 |