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| **Name:** | **SRN:** | **Section:** |
| **Date:** | **Week Number:** |

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| **1** | Implement Binary Search using call back when there is more than one constraint to check for.  a) Search for a number if the number is even  b) Search for a number if the number is less than 22.  **Input:**  enter the element to be searched  18  **Output:**  It is even and found at 2 position  It is less than 22 and found at 2 position  **Input:**  enter the element to be searched  56  **Output:**  It is even and found at 8 position  not found  **Input:**  enter the element to be searched  53  **Output:**  not found  not found |
|  | **Program:** |
|  | **Output Screenshot:** |
| 2 | Write a program to copy the contents of one file to another using command line arguments  (Instruction to be given in the command line)  >a abc.txt def.txt  (abc.txt is the file having contents which will be copied to the file def.txt) |
|  | **Program:** |
|  | **Output Screenshot:** |
| 3 | Write a program using enumerated types which when given today's date will print out tomorrow's date.  **Input:**  Enter a date (number 3 letter lower case month e.g. 31 jan)  30 nov  **Output:**  Tomorrow is 1 dec  **Input:**  Enter a date (number 3 letter lower case month e.g. 31 jan)  31 dec  **Output:**  Tomorrow is 1 jan |
|  | **Program:** |
|  | **Output Screenshot:** |