**Date: 25**-04-2019

**Daily report on WIT & WIL**

**Name of the faculty :** L.Indira **Name of the subject :** Programming through C

**Class/ Section :** I B.Tech II sem CSE – B

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| **1** | **Grid Reference No :** | 6.1 |
| **2** | **Scenario Reference:** |  |
| **3** | **Topic Covered:** | Text files and binary files, input/output operations |
| **4** | **Brief Write – up (500 words** when we execute a program and exit the IDE all the variables are destroyed or no more available in the memory as the program is executed so, we use files here to avoid the loss of stored data as a permanent storage.  Information stored in files is non-volatile and permanent; this information can be viewed at any time using the FILE I/O functions in the **file.h** library.  In the banking application all the information is stored in the form of files and can be viewed and edited at any point of time using different file operations. Bank customer details and employee details are stored in the file format and files are used in this scenario for the banking application. | |
| **5** | **Relevant additional illustration if any :**  Consider the following C console application which is similar to the **Phone book** in our mobile phones.  The following diagram explains the scenario.    File handling is used in this scenario to store the contacts of the use in a file named **contacts.txt** where the user’s contacts are stored in a file permanently and the user can perform several file handling operations to store and retrieve his/her contact information.  File read operation is used to retrieve the user’s contacts and show them on the console, File writing operations are used to write the contacts information to the user’s contact file, edit operations on the file can also be performed by using file read and file write operations successively. | |
| **6** | **Video links / web links if any:** | <https://www.geeksforgeeks.org/basics-file-handling-c/>  <https://www.studytonight.com/c/file-input-output.php> |
| **7** | **Signature of Repository Administrator:** | L.Indira |