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|  | **Assignment No 3** |
| **Aim** | **: To implement a program Retrieval of documents using** |
|  | **inverted files.** |
| **Objective** | **: To study Indexing, Inverted Files and searching with the help** |
|  | **of inverted file** |
| **Input** | **:** Document Representative of Assignment No. 1 |
| **Theory** | : It includes a description of  ➦ Indexing |
|  | ➦ Inverted Files |
| **Example:** | ➦ Searching with the help of inverted file |

Text:

|  |
| --- |
| 1 6 9 11 17 19 …. |
| This is a text. A text has many words. Words are made from letters. |

Inverted Index:

|  |  |
| --- | --- |
| Vocabulary | Occurrences (Word Position) |
| Letters | 60… |
| Made | 50… |
| Many | 28… |
| Text | 11,19… |
| Words | 33,40…. |

Program Implementation: Code written in C/C++ to implement of the same with appropriate output.

Output : Index File

**Conclusion:** Implementation is concluded by stating analysis of Retrieval of documentsusing Inverted Files.