**Summary**

* Introduction: *File handling is a mechanism to stores the output of a program in a file and help us to perform various operations on it and reason for structuring a file is to store a data collection that is too large to fit in the computer memory.*
* Components of files: a) Data- *it is a collection of information gathered by observation research and analysis and It is represented with the help of character like alphabets, digits or special character.*

B) Data Item Field - *A set of characters which are used together to represent a specific data element like NAME*

C) Record- *It is a collection of related data items.*

*d) File****-*** *it is a collection of logically related records*

There are various types of files according to their function and the types are Master File, Transaction File, Report File, Work File, Program File, Text File, Backup File, and Dump File.

Moreover, there are also many types of files under mode of access and it is Input File, Output File, and Input-Output file both.

Next, we have File Operations like File Creation, File Updation, File Maintenance, and File Retrieval.

**Introduction of Team Members**

|  |  |  |
| --- | --- | --- |
| Name | Roll Number | Class |
| Dhanya | 1222043011013 | BCA 4th semester |
| Parneet | 1222043011019 | BCA 4th semester |
| Drishty | 1222043011073 | BCA 4th semester |

**Reflections**

As a team, our goal is to pin point which actions are succeeding in their objective and maximize opportunities. The fact that we have to collaborate as a team presented opportunity.

In the beginning of a project, Parneet has given the ideas for making this presentation.

By doing this way, we were able to move effectively and efficiently in this task and then Drishty has made this presentation in a good way.

Lastly, Dhanya has made this report of all by summarizing with full potential.

**Key Finding**

Understanding of basic programming concept and necessary concept of the Java Programming language and understanding of Fundamental concepts of file using Java.

Ability to describe exception handling and input-output management and understanding of appled programming using abstract window tool-kit.

**Reference**

* **Sapa zame, handbook of object technology, CRC Press, Washington DC, 1999**
* **Mary Champion and Aatxy Kathy Walrath, Java Tudorias, Second Edition, Addision Wesley pun.1998**
* **Online resources**

1. [**https://www.tutorialspoint.com/**](https://www.tutorialspoint.com/)
2. [**https://www.w3schools.com**](https://www.w3schools.com)
3. [**https://www.javapoint.com/**](https://www.javapoint.com/)