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Seat No. B20103013 Class: BSSE (Morning)

**Project Name: Voting System**

**Purpose: To Cast Vote in Voting**

**Date: 20-November-2021**

Input Variables:

|  |  |  |
| --- | --- | --- |
| **Name Of Variables** | **Purpose** | **Data Type** |
| 1. voter | To identify that it is present in the voter list. | Int |
| 1. vote | To cast the vote to the nominee either in 1 or 2 | Int |

Non-Input Variables:

|  |  |  |
| --- | --- | --- |
| **Name Of Variables** | **Purpose** | **Data Type** |
| 1. nominee\_1 | Store the Nominee Name 1 | String |
| 1. nominee\_2 | Store the Nominee Name 2 | String |
| 1. nom\_1\_vote | Store vote of Nominee 1 | Int |
| 1. nom\_2\_vote | Store vote of Nominee 2 | Int |
| 1. voter\_id | Store the list of the voter which is come from the file “data.txt” | List |
| 1. total | To take the length of voter list | Int |

Filing:

**File Name**: data.txt

**Purpose**: It is the file of voter that contain Voter Number, Name, F/Name and with the help of this file voting system take the Voter Number and store in the list.

Module:

**Module Name**: time

**Module Function**: .strftime(%H:%M)

**Purpose**: To take time and check the voting time if the time is complete for the voting so it will finish the program and print the results.

Output:

The program is finish so it will print the list of those voter who did not cast their vote and the nominee who win with how many votes he/she get with out of.

How Voting System Work?

In the voting system the there are two nominees which are ABCD and WXYZ and have a txt file which have the voter data split it with dot and get the voter if and store in the list. If the voter enter his/her voter number and it is present in the list so he/she will cast vote and his/her voter number will remove from the list and count the vote that the voter choose the nominee.

This process repeat until unless all the voter casted their vote or the time for the voting is end then it will print the list of those voters who did not cast their vote and also print the nominee who win with how many votes he/she get out of.