

Voting Machine

Logic Of The Code

- Void Loop()

Checks if the machine is idle or not.

If true it checks if the Junior button is pressed or Senior button

The junior buttons allows only the voting of the Vice Caption to happen by calling only the functions :

Post 3 and Post 4

The senior button allows the complete voting to happen by Calling all the 4 functions:

Post 1 , Post 2 , Post 3 , Post 4

The code checks if the vote is casted for any of the 3 candidates and then presides to the next post.

The order of the functions

Post 1 = Boy's Captain Voting

Post 2 = Girl's Captain Voting

Post 3 = Boy's Vice Captain Voting

Post 4 = Girl's Vice Captain Voting

Printit = To print the results of that round in the serial communication

resetVotesbool = resets the Booleans to false which are turned True if the vote is casted

Logic Of The Code

Post 1 || Post 2 || Post 3 || Post 4

It dedicates the buttons 1 , 2 , 3 to Bc_1 , Bc_2 , Bc_3 .

If no buttons are pressed it displays the name of the 3 candidates.

As soon as the button is pressed it increases the value in the variables that store the votes (ex – Bc_can1 , Gc_can3 ,etc) and it also changes the Boolean such as boyCaptionVoteCast.

As soon as the Boolean turns to true it goes to the next voting process which is the next post which goes on in the same way .

Logic Of The Code

At The End

At the end when the it prints the voting results of that round in the serial communicator.

It also resets the Booleans

And again waits for the Junior or Senior Button to be Pressed.

Thank You

Very Much