### Experiment – No-3

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| --- | --- | --- |
| Objective: Program to find candidate eligible voting or not… | | |
| Scheduled Date | Compiled Date | Submission Date |
| 27-Dec-2020 | 27-Dec-2020 | 27-Dec-2020 |

### Program : A program to test two the person eligible for voting or not, if the age of the person

### is given as output.

### Algorithm:

### Step 1: Start.

Step 2: Declare variables integer age.

Step 3: Read the variable int.

Step 4: Apply condition

Age>18

Step 5: Print allow to vote.

Step 6: Else

Print you are below the age don’t allow.

Step 7: Stop.

### Flowchart Segment:

Input

age

If

age>18

### true false

Display

“not eligible”

Display

“allow to vote”

**Program**

//Program to test two the person is eligible for voting or not, if the age of person is given as output.

#include<stdio.h>

void main()

{

    int age;

    printf("Enter the age of person");

    scanf("%d", &age);

    if(age >= 18){

        printf("Allow to Vote");

    }

    else{

        printf("you are below the age not allow");

    }

}

### Output Screen

PS C:\Users\WIN10\Desktop\clab> gcc voting.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter the age of person12

you are below the age not allow

PS C:\Users\WIN10\Desktop\clab> gcc voting.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter the age of person22

Allow to Vote

### Program: A program to given character is vowel or not

### Algorithm

### 1. We first declare a variable ch of character datatype. 2. Then we read one character from the user and store it in a variable "ch" 3. Then we compare "ch" with the vowels in both upper and lower case. If it matches we print "vowel" else we print "Consonant"

### Flowchart

### Flowchart whether a character is vowel or consonant

### Program

### #include <stdio.h>

### int main() {

### // Write C code here

### char a;

### printf("Enter the character to check: ");

### scanf("%c",&a);

### switch(a){

### case 'A':

### case 'E':

### case 'I':

### case 'O':

### case 'U':

### case 'a':

### case 'e':

### case 'i':

### case 'o':

### case 'u':{

### printf("it is a vowel:");

### break;

### }

### default:

### { printf("This is consonant");

### break;

### }

### }

### return 0;

### }

### Output

### 

### Paste output screen here