

Question No-01:

//Program to check whether a candidate is eligible for voting

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int age;
```

```
    const int vote_age=18;
```

```
    age=0;
```

```
    printf("Enter your Age :");
```

```
    scanf("%d",&age);
```

```
    if(age>=18)
```

```
        printf("Congratulations!\nYou are eligible\n for casting your vote ");
```

```
    else
```

```
    {
```

```
        printf("Opps!You are \nToo Young\n to vote");
```

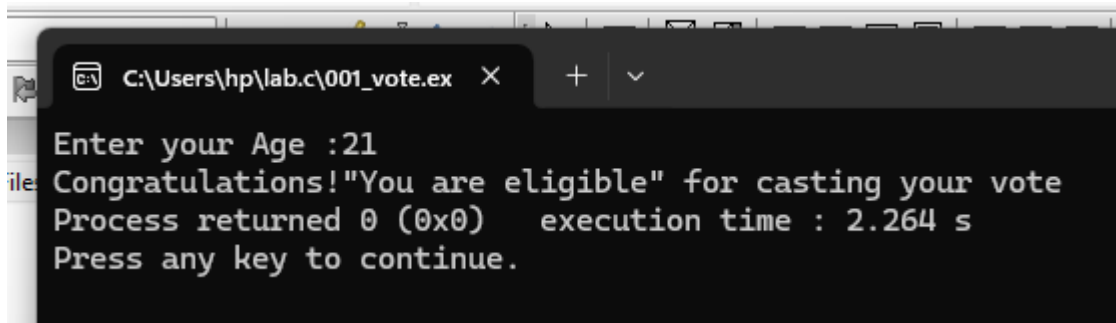
```
        printf("\nYou have to wait %d years for vote",vote_age-age);
```

```
    }
```

```
    return 0;
```

```
}
```

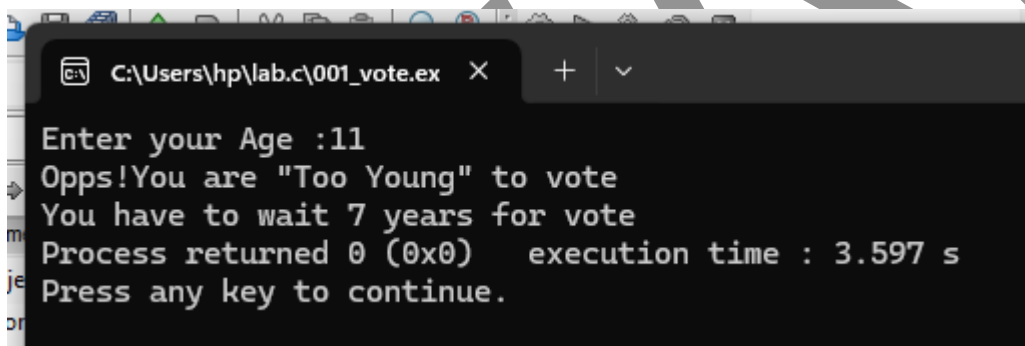
Test case 1:



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\hp\lab.c\001_vote.ex". The command prompt displays the following text: "Enter your Age :21", "Congratulations!"You are eligible" for casting your vote", "Process returned 0 (0x0) execution time : 2.264 s", and "Press any key to continue.".

```
C:\Users\hp\lab.c\001_vote.ex X + v
Enter your Age :21
Congratulations!"You are eligible" for casting your vote
Process returned 0 (0x0) execution time : 2.264 s
Press any key to continue.
```

Test case 2:



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\hp\lab.c\001_vote.ex". The command prompt displays the following text: "Enter your Age :11", "Opps!You are \"Too Young\" to vote", "You have to wait 7 years for vote", "Process returned 0 (0x0) execution time : 3.597 s", and "Press any key to continue.".

```
C:\Users\hp\lab.c\001_vote.ex X + v
Enter your Age :11
Opps!You are "Too Young" to vote
You have to wait 7 years for vote
Process returned 0 (0x0) execution time : 3.597 s
Press any key to continue.
```