

```
#include<iostream>

using namespace std;

int main(){
```

### **Task 1:**

```
//      int score;

//      cout<<"put your marks : ";

//      cin>>score;

//          if(score>=90 && score<=100){

//              cout<<"the student has achieved the grade A ";

//          }

//          else if(score>=75 && score<90){

//              cout<<"the student has achieved the grade B ";

//          }

//          else if(score>=60 && score<75){

//              cout<<"the student has achieved the grade C ";

//          }

//          else if(score>=45 && score<60){

//              cout<<"the student has achieved the grade D ";

//          }

//          else if(score>=0 && score<45){

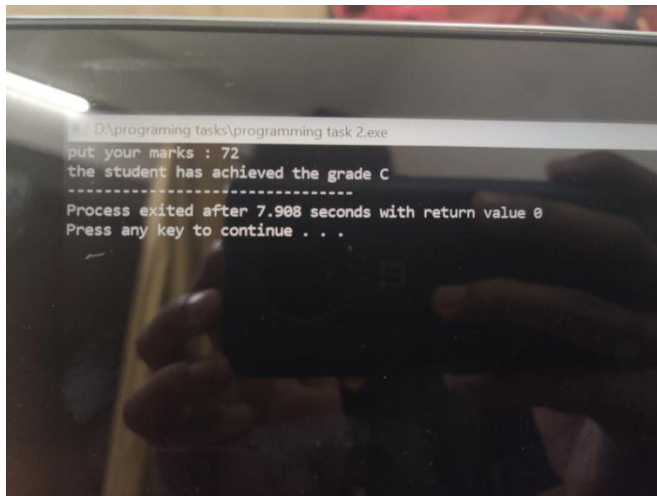
//              cout<<"the student has achieved the grade F ";

//          }

//          return 0;

//
```

## Output:



## Task 2:

```
// int a;

// cout<<"put the input there: ";

// cin>>a;

// if(a%2==0 && a%5==0){

//     cout<<"the number is an even number and a multiple of 5 ";

// }

// else if(a%2==0 && a%5!=0){

//     cout<<"the number is an even number and not a multiple of 5";

// }

// else if(a%2!=0 && a%5==0){

//     cout<<"the number is not an even number but a multiple of 5 ";

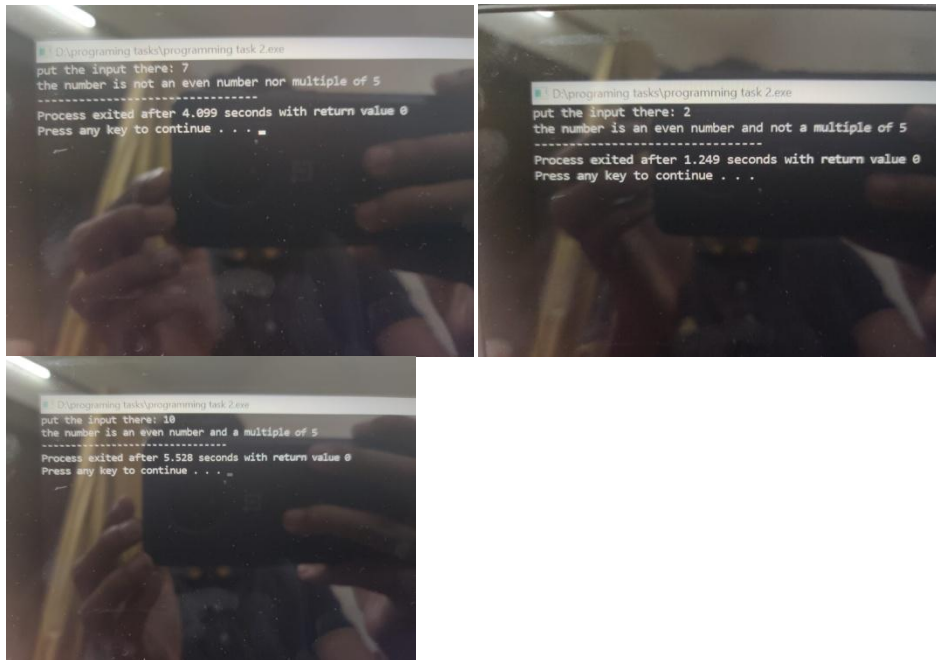
// }

// else if(a%2!=0 && a%5!=0){

//     cout<<"the number is not an even number nor multiple of 5";

// }
```

## Output:



## Task 3:

```
// float c,d;

// cout<<"put GPA there:\n ";cin>>c;

// cout<<"put attendance percentage there: ";cin>>d;

// if(c>=3.5 && d>=80)

// {

//     cout<<"the student is eligible for scholarship ";

// }

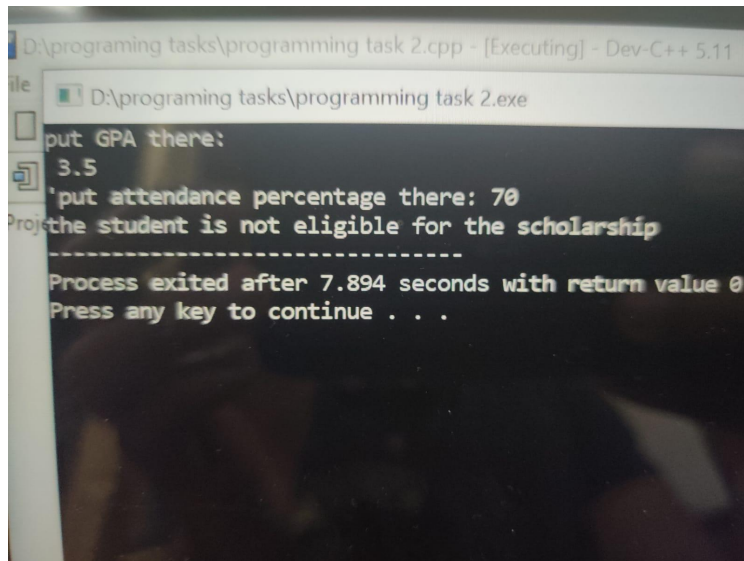
// else{

//     cout<<"the student is not eligible for the scholarship ";

// }

//
```

## Output:

A screenshot of a Dev-C++ console window. The title bar reads "D:\programing tasks\programming task 2.cpp - [Executing] - Dev-C++ 5.11". The console output shows: "put GPA there:", "3.5", "put attendance percentage there: 70", "the student is not eligible for the scholarship", a dashed line, "Process exited after 7.894 seconds with return value 0", and "Press any key to continue . . .".

```
D:\programing tasks\programming task 2.cpp - [Executing] - Dev-C++ 5.11
D:\programing tasks\programming task 2.exe
put GPA there:
3.5
put attendance percentage there: 70
the student is not eligible for the scholarship
-----
Process exited after 7.894 seconds with return value 0
Press any key to continue . . .
```

## Task 4:

```
// char nust;

// cout<<"put the alphabet there: ";

// cin>>nust;

// char pieas='a';

// char giki='e';

// char uet='i';

// char pu='o';

// char gc='u';

// if(nust==pieas || nust==giki || nust==uet || nust==pu || nust==gc){

//     cout<<"the alphabet is a vowel ";

// }

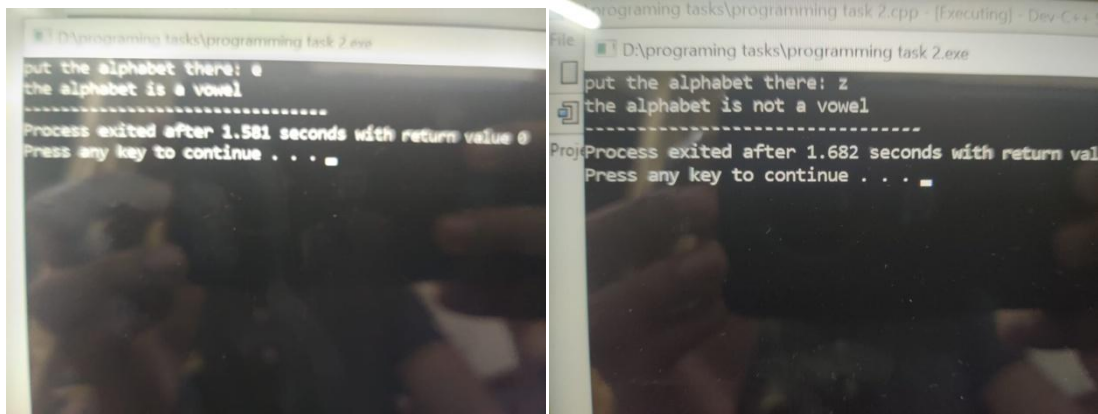
// else{

//     cout<<"the alphabet is not a vowel ";

// }
```

```
//
```

### Output:



### Task 5:

```
int year;  
  
// cout<<"enter year there: ";  
  
// cin>>year;  
  
// if(year%400==0){  
//     cout<<"the year is a leap year ";  
// }  
  
// else if(year%100==0){  
//     cout<<"the year is not a leap year ";  
// }  
  
// else if(year%4==0){  
//     cout<<"the year is a leap year ";  
// }  
  
// else{  
//     cout<<"the year is not a leap year ";  
// }
```

## Output:

```
programming task 2.cpp
65 int year;
D:\programing tasks\programming task 2.exe
enter year there: 1900
the year is not a leap year
-----
Process exited after 2.768 seconds with return value
Press any key to continue . . .
```

```
D:\programing tasks\programming task 2.exe
enter year there: 1900
the year is not a leap year
-----
Process exited after 2.575 seconds with return
Press any key to continue . . .
```

```
D:\programing tasks\programming task 2.exe
enter year there: 2024
the year is a leap year
-----
Process exited after 2.942 seconds with return value 0
Press any key to continue . . .
```

```
D:\programing tasks\programming task 2.exe
enter year there: 2000
the year is a leap year
-----
Process exited after 2.217 seconds with return value
Press any key to continue . . .
```