

COMPUTER SYSTEMS AND PROGRAMING

(assignment 2)

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BATCH: ME-15

SECTION: A

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[*] HOMETASK 2 PROGRAMMING.cpp

```
1  #include<iostream>
2  using namespace std;
3  int main()
4  {
5      cout<<"TASK-1"<<endl;
6      int score;
7      cout<<"enter the score:";
8      cin>>score;
9
10     if (score<=100 && score>=90) {
11         cout<<"the score will be placed in GRADE A"<< endl;
12     }
13     else if (score<90 && score>=75) {
14         cout<<"the score will be placed in GRADE B"<< endl;
15     }
16     else if (score<75 && score>=60) {
17         cout<<"the score will be placed in GRADE C"<< endl;
18     }
19     else if (score<60 && score>=45) {
20         cout<<"the score will be placed in GRADE D"<< endl;
21     }
22     else if (score<45 && score>=0) {
23         cout<<"the score will be placed in GRADE F"<< endl;
24     }
25     return 0;
```

C:\Users\Syscom\Desktop\HC x + v

TASK-1
enter the score:88
the score will be placed in GRADE B

Process exited after 3.386 seconds with return value 0
Press any key to continue . . . |

```
24  //
25  cout<<"TASK 2"<< endl;
26  int integer;
27  cout<<"enter the integer:";
28  cin>>integer;
29  if (integer/2 && integer/5) {
30  cout<<"the integer is even and also divisible by 5"<< endl;
31  }
32  return 0;
33  }
34
```

C:\Users\Syscom\Desktop\HC ×

+ v

TASK 2

enter the integer:60

the integer is even and also divisible by 5

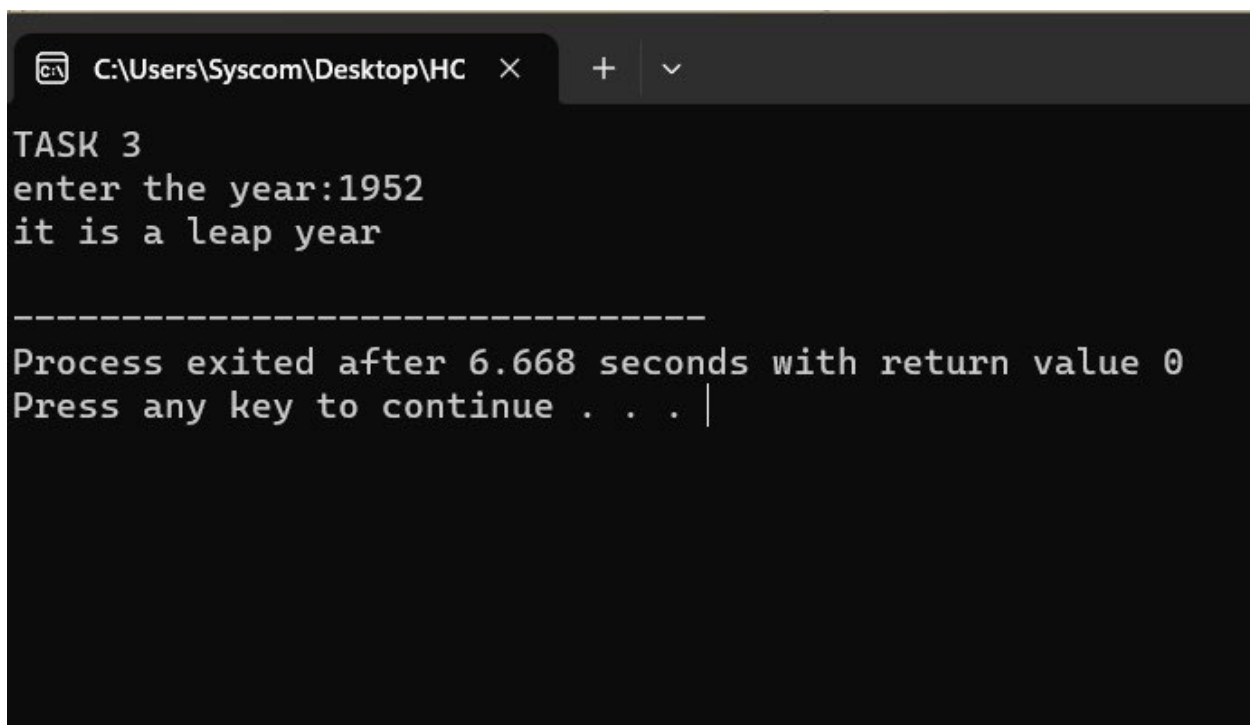
Process exited after 3.421 seconds with return value 0

Press any key to continue . . .

```

32 cout<<"TASK 3"<< endl;
33 int year;
34 cout<<"enter the year:";
35 cin>>year;
36 if (year/4) {
37     cout<<"it is a leap year"<< endl;
38 }
39 else
40     cout<<"it is not a leap year"<< endl;
41 return 0;
42 }

```



```

C:\Users\Syscom\Desktop\HC
TASK 3
enter the year:1952
it is a leap year

-----
Process exited after 6.668 seconds with return value 0
Press any key to continue . . . |

```

```

41 cout<<"TASK 4"<< endl;
42 float GPA,attendance;
43 cout<<"enter GPA:";
44 cin>>GPA;
45 cout<<endl;
46
47 cout<<"enter attendance;";
48 cin>>attendance;
49 cout<<endl;
50 if(GPA>=3.5 && attendance>=80) {
51     cout<<"the person is eligible for scholarship"<< endl;
52 }
53 else
54     cout<<"the person is not eligible for the scholarship"<< endl;
55

```

```

C:\Users\Syscom\Desktop\HC
TASK 4
enter GPA:3.8

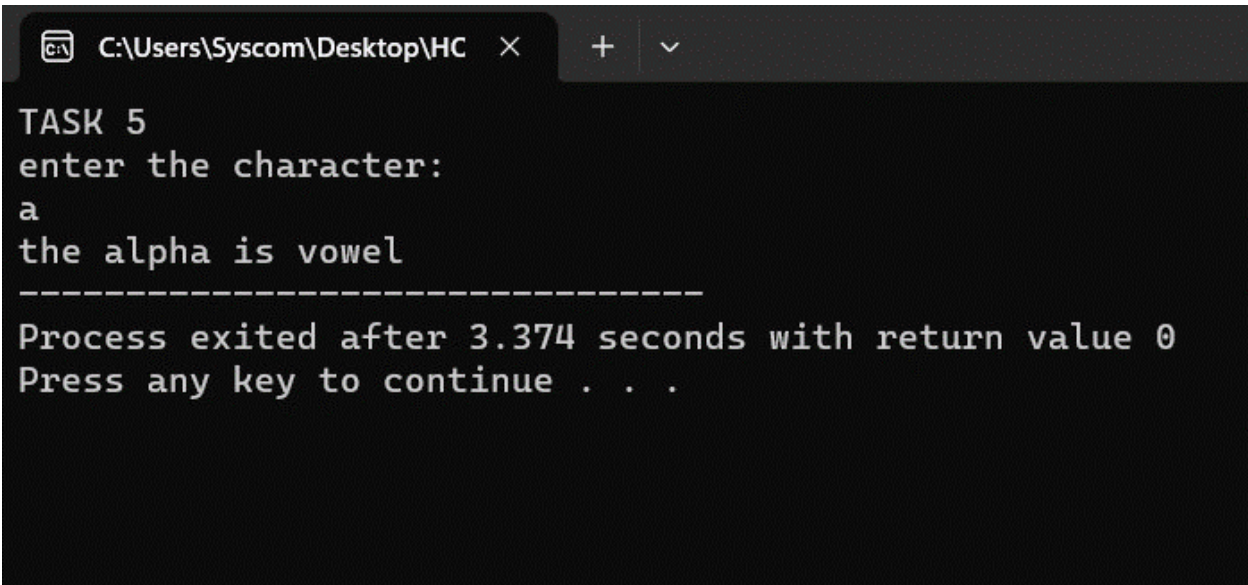
enter attendance;85

the person is eligible for scholarship

-----
Process exited after 13.44 seconds with return value 0
Press any key to continue . . . |

```

```
41 cout<<"TASK 5"<< endl;
42 char alpha;
43 cout<<"enter the character:"<<endl;
44 cin>>alpha;
45 if (alpha=='a' || alpha=='e' || alpha=='i' || alpha=='o' || alpha=='u') {
46     cout<<"the alpha is vowel";
47 }
48 else
49     cout<<"the alpha is consonant";
50 return 0;
```



```
C:\Users\Syscom\Desktop\HC
```

TASK 5
enter the character:
a
the alpha is vowel

Process exited after 3.374 seconds with return value 0
Press any key to continue . . .