NAME: ABDULRAZAQ-ADIO RASHIYDAH

DEPARTMENT: COMPUTER SCIENCE

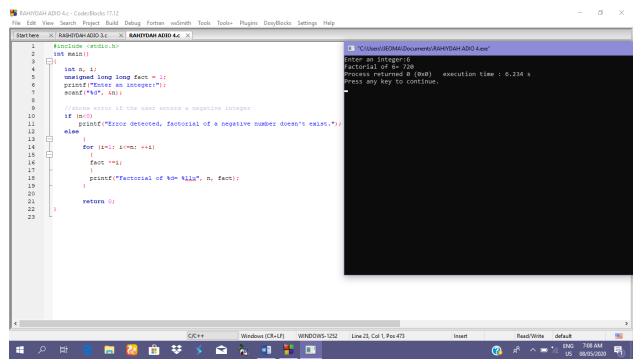
MATRIC NO: 18/SCI01/001

**COURSE TITLE: CSC 206** 

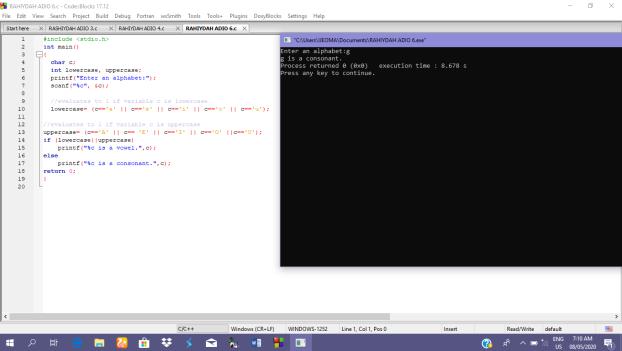
1. Write a program that reads an integer and displays a message to indicate whether it's a prime number or not.

```
Start here × RASHIYDAH ADIO 3.c ×
             int main()
                 int n, i, flag=0;
printf("Enter a positive integer:");
scanf("%d", &n);
                                                                                           nter a positive integer:7
is a prime number.
rocess returned 0 (0x0) execution time : 6.786 s
ress any key to continue.
                 for (i=2;i<=n/2; ++i)
    10
11
12
13
14
15
16
17
18
19
20
21
                       if(n==1)
                       printf("l is neither prime nor composite.");
    22
23
24
25
26
27
28
29
30
31
32
33
                       else
                      if (flag==0)
   printf("%d is a prime number.",n);
                            printf("%d is not a prime number.",n);
                      return 0;
                                                                                  Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0
                                                                                                                                                                                       Read/Write default
                                📋 👪 🖺 😆 💃 🖻 🏗
```

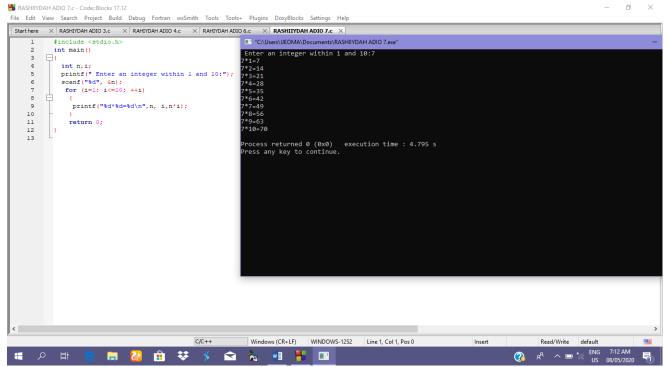
2. Write a c program to find the factorial of a natural number



3. Using conditional operator, write a program in c programming language to find if a given character is a vowel or a consonant.



4. Write a program that reads an integer and displays its multiplication table. The program should force the user to enter an integer within [1,10].



5. A test consists of 10 multiple choice questions, each of which has three possible answers. The first answer gets three points, the second one point and the third two points. Write a program that uses the switch statement to read the test takers 10 answers and display the final score.

```
# BASHYDAH ADD &c. Cokembects TR2

File Edit View Search Project Build Debuy Fortian wiSmith Tools Tools- Plugins DoyBlocks Settings Help

| Starchew & SearchDAH ADD &c. | RAHTDAH ADD &c. | RA
```