LAB 03 EC2010: Computer Programming Final Lab Report

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Reg no: 2021/E/075

SEMESTER 2

Lab 03

Date:03/12/2022

```
*main.cpp X main.cpp X main.cpp X main.cpp X main.cpp
◆ Projects Symbols
                          1
                                //K.J.M.U.G.S. Eranda Javasinghe
Workspace
Lab03_2021E075_Q1
                           3
//Lab03
    .....! main.cpp
                                 //check his/her eligibility to get driver license
Lab03_2021E075_Q2
                                  //I certainly that the code in the method function main of this project
.... Sources
                                 #include <iostream>
   main.cpp
                           q
                                 #include <cmath>
Lab03_2021E075_Q4
                          10
                                 #include <string>
🖶 📂 Sources
                                #include <iostream>
                          11
   main.cpp
                          12
Lab3_2021E075_Q3
                          13
                                using namespace std;
🖹 🗁 Sources
                          14
   main.cpp
                          15
                                 int main()
Lab03_2021E075_Q5
                          16
Sources 🗁 🗁
                                     string fname , lname;
   main.cpp
                          18
                                     int age , amono , lno;
Lab03_2021E075_Q4_2
                          19
🖹 🗁 Sources
                          20
                                     cout << "Enter your First name = " << endl;</pre>
   main.cpp
                          21
                                     cin>>fname;
                                     cout << "Enter your last name = " << endl;</pre>
                          2.2
                          23
                                     cin>>lname;
                                     cout << "Enter your age = " << endl;</pre>
                          24
                          25
                                     cin>>age;
                                     if (age>17) {
                          26
                               自
                          27
                                             cout << "Enter your learner number = " << endl;</pre>
                          28
                                              cin>>lno;
                          29
                                              if (lno==0) {
                          30
                                                  cout<<"You can register for written exam"<<endl;}</pre>
                          31
                                              else{
                          32
                                                  cout<<" a learners permit is issued and you can practice driving"<<endl;</pre>
                          33
                          34
                                                  if (age>18) {
                                                          cout << "Enter your Aptitude Medical Certificate No = " << endl;</pre>
                          35
                          36
                                                          cin>>amcno;
                          37
                                                          cout << "You can take for practical exam" << endl;}}</pre>
                          39
                          40
                                         cout<<"You can't register for written exam";</pre>
                          41
                          42
                                     return 0;
                          43
                          44
                          45
                     Logs & others
                      🜓 📝 Code::Blocks 💢 🔾 Search results 💢 🖍 Cccc 💢 📞 Build log 🗴 🦃 Build messages 💢 📝 CppCheck/Vera++ 💢 📝 CppCheck/Vera++
```

III "C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q1\bin\Debug\Lab03_2021E075_Q1.exe"

```
Enter your last name =
san
Enter your last name =
jaya
Enter your age =
18
Enter your learner number =
0
You can register for written exam
Process returned 0 (0x0) execution time : 16.587 s
Press any key to continue.
```

T:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q1\bin\Debug\Lab03_2021E075_Q1.exe

```
Enter your last name =
Enter your last name =
Nda
Enter your age =
18
Enter your learner number =
1
a learners permit is issued and you can practice driving
Process returned 0 (0x0) execution time : 16.034 s
Press any key to continue.
```

```
Enter your First name =
Era
Enter your last name =
Era
Enter your last name =
Enter your age =
19
Enter your learner number =
0
You can register for written exam
Enter your Aptitude Medical Certificate No =
6
You can take for practical exam

Process returned 0 (0x0) execution time : 44.218 s

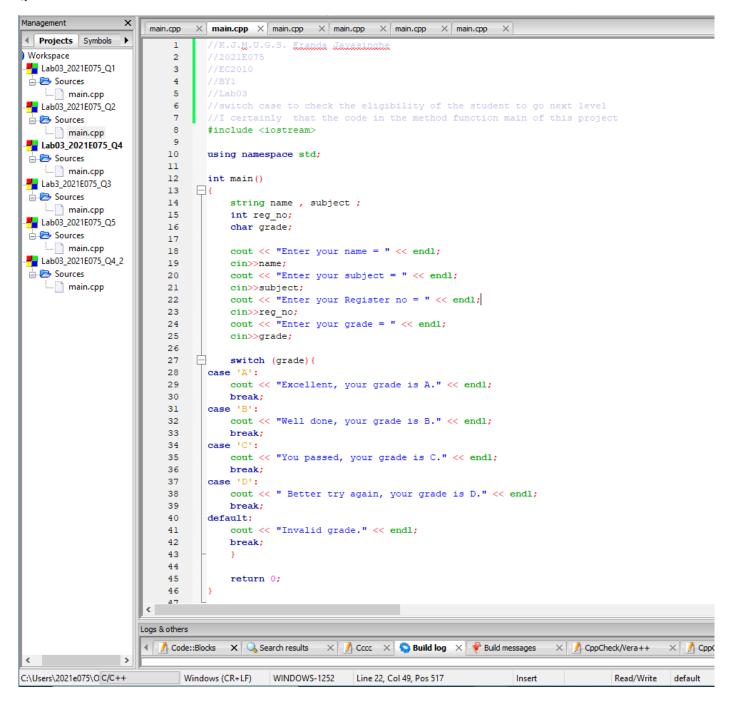
Press any key to continue.
```

"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q1\bin\Debug\Lab03_2021E075_Q1.exe"

```
Enter your last name =
Enter your last name =
Nda
Enter your age =
19
Enter your learner number =
2
a learners permit is issued and you can practice driving
Enter your Aptitude Medical Certificate No =
3
You can take for practical exam

Process returned 0 (0x0) execution time : 19.664 s

Press any key to continue.
```



■ "C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q2\bin\Debug\Lab03_2021E075_Q2.exe"

```
Enter your name =
Sanjaya
Enter your subject =
History
Enter your Register no =
75
Enter your grade =
A
Excellent, your grade is A.

Process returned 0 (0x0) execution time : 22.728 s
Press any key to continue.
```

"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q2\bin\Debug\Lab03_2021E075_Q2.exe"

```
Enter your name =
Eranda
Enter your subject =
Maths
Enter your Register no =
76
Enter your grade =
8
Well done, your grade is B.
Process returned 0 (0x0) execution time : 14.268 s
Press any key to continue.
```

"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q2\bin\Debug\Lab03_2021E075_Q2.exe"

"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q2\bin\Debug\Lab03_2021E075_Q2.exe"

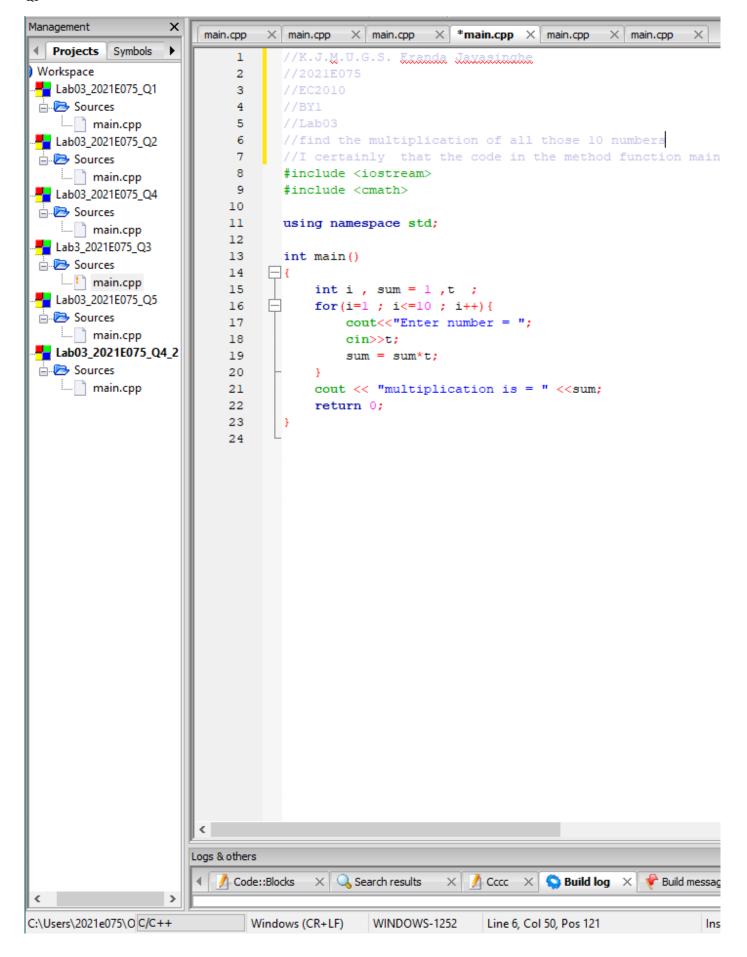
```
Enter your subject =
Eran
Enter your subject =
English
Enter your Register no =
75
Enter your grade =
D
Better try again, your grade is D.

Process returned 0 (0x0) execution time : 17.288 s
Press any key to continue.
```

```
Inter your name = Sanjaya Enter your subject = physics Enter your Register no = 75 Enter your grade = S Invalid grade.

Process returned θ (θxθ) execution time : 27.598 s

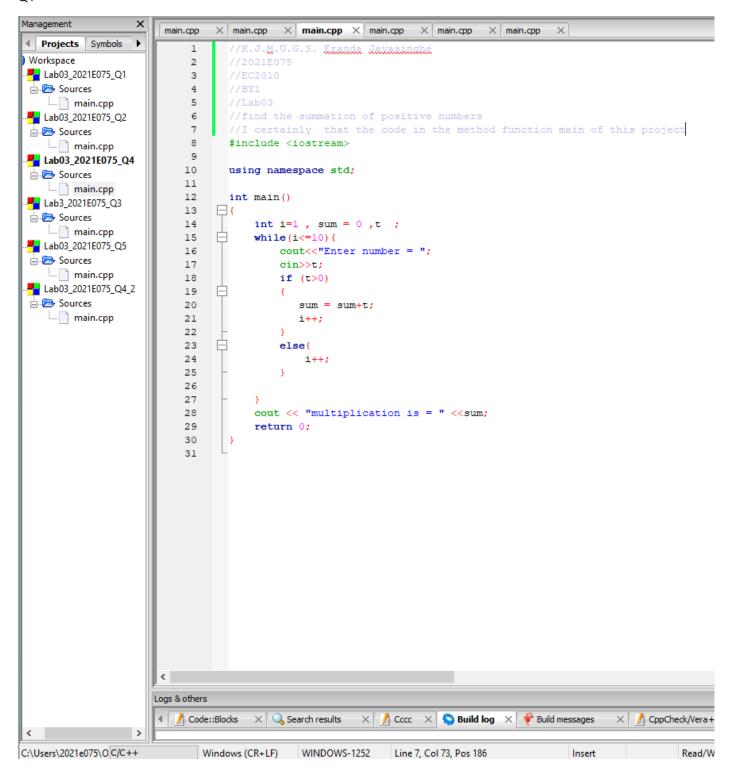
Press any key to continue.
```



```
Enter number = 2
Enter number = 5
Enter number = 3
Enter number = 6
Enter number = 2
Enter number = 3
Enter number = 2
Enter number = 6
Enter number = 3
Enter number = 3
Enter number = 3
Enter number = 4
Enter number = 2
Enter number = 3
Enter number = 3
Enter number = 2
Enter number = 2
Enter number = 2
Enter number = 3
Multiplication is = 103680
Process returned 0 (0x0) execution time : 17.722 s
Press any key to continue.
```

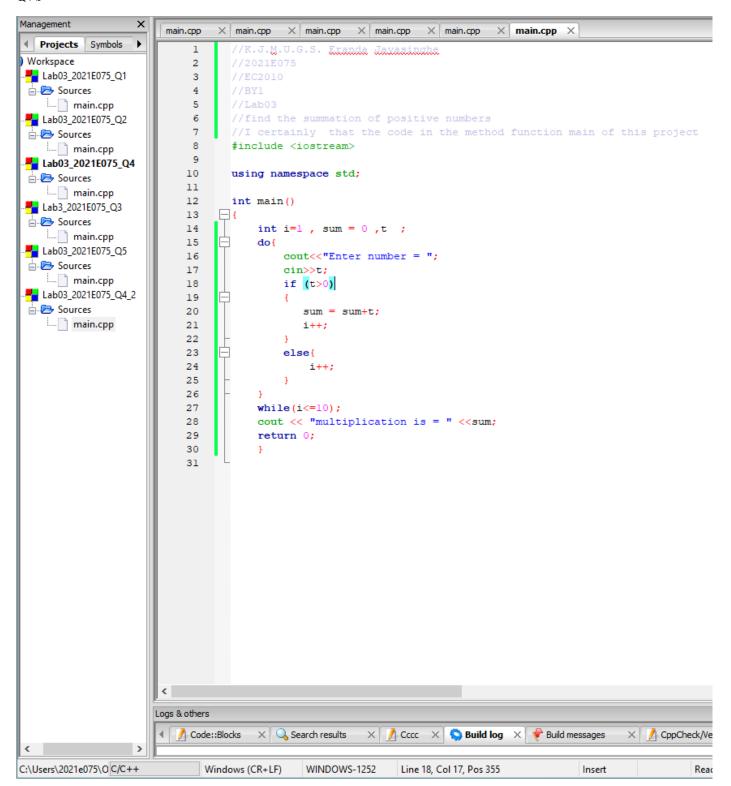
C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab3_2021E075_Q3\bin\Debug\Lab3_2021E075_Q3.exe

```
Enter number = 1
Enter number = 2
multiplication is = 32
Process returned 0 (0x0) execution time : 12.912 s
Press any key to continue.
```



```
— "C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q4\bin\Debug\Lab03_2021E075_Q4.exe"

Enter number = 2
Enter number = 5
Enter number = 3
Enter number = 8
Enter number = 7
Enter number = 4
Enter number = 3
Enter number = 8
Enter number = 9
Enter number = 4
multiplication is = 53
Process returned 0 (0x0)
                               execution time : 14.146 s
Press any key to continue.
"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q4\bin\Debug\Lab03_2021E075_Q4.exe"
Enter number = 2
Enter number = 5
Enter number = 3
Enter number =
Enter number = 7
Enter number = 4
Enter number = 8
Enter number = 9
Enter number = 4
Enter number = -3
multiplication is = 50
Process returned 0 (0x0)
                            execution time : 22.411 s
Press any key to continue.
```



```
"C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q4_2\bin\Debug\Lab03_2021E075_Q4_2.exe"
Enter number = 2
Enter number = 5
Enter number = 3
Enter number = 8
Enter number = 7
Enter number = 4
Enter number = 3
Enter number = 8
Enter number = 9
Enter number = 4
multiplication is = 53
Process returned 0 (0x0)
                             execution time : 25.607 s
Press any key to continue.
 "C:\Users\2021e075\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q4_2\bin\Debug\Lab03_2021E075_Q4_2.exe"
Enter number = 2
Enter number = 5
Enter number = 3
Enter number = 8
Enter number = 7
Enter number = 4
Enter number = 8
Enter number = 9
Enter number = 4
Enter number = -3
multiplication is = 50
Process returned 0 (0x0) execution time : 17.227 s
Press any key to continúe.
```

```
*main.cpp X Q5 (2).cpp X
Projects Files
                                      //K.J.M.U.G.S. Eranda Javasinghe //2021E075 //EC2010 //BY1 //Lab03 //help a customer involving two cases, deposit and withdraw amount //I certainly that the code in the method function main of this project
Lab03_2021E075_Q5
 Sources
                                      using namespace std;
   main.cpp
                                      int main()
                                            string p;
                              10
                                            int acc , wanttoget, wanttodeposit, amount=1000;
                                            //Lets get current amount in the bank account :
cout << "....Welcome to our Bank...." << endl;
cout << "Enter your account number." << endl;</pre>
                              11
                              12
                              13
                              14
15
                                            cin>>acc;
cout << "What is the service do you want today.(withdraw / deposit)" << endl;</pre>
                                   1
                              16
                                            cin>>p;
                                            if (p =="withdraw") (
                              18
                                                       cout<<"Enter the value of money do you want to get = ";</pre>
                                                       cin>>wanttoget;
while (amount<wanttoget) {</pre>
                              20
                              21
                                                            cout<<"Account balance is not enough"<<endl;</pre>
                              22
                              23
                                                             cout<<"Enter the value of money do you want to get = ";</pre>
                              24
                                                            cin>>wanttoget;
                              25
26
                                   1
                                                       cout<<"You have enough account balance and you successfully withdraw "<< wanttoget;</pre>
                              27
28
                                   I
                                            else if (p=="deposit") (
                                                 cout<<"Enter balance if you want to deposit = ";
cin>>wanttodeposit;
                              30
                              31
                                                  while (wanttodeposit<=0) {
                                                      cout<<"Please enter valid positive value to deposit"<<endl;
cout<<"Enter balance if you want to deposit = ";</pre>
                              32
                              33
34
                                                       cin>>wanttodeposit;
                              35
                               36
                                                 cout<<"you successfully deposit "<<wanttodeposit;</pre>
                              37
38
                                            return 0;
                         (
 ( )
                        Code::Blocks X Search results X Cccc X 🕏 Build log X 🕈 Build messages X 🖊 CppCheck/Vera++ X 🖟 CppCheck/Vera++ messages X 🗸 Cscope X 🕏 Debugger
C:\pdf\one drive\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q5\main.cpp
                                                                                                                                 Windows (CR+LF) WINDOWS-1252 Line 1, Col 70, Pos 69
```

```
□ "C\pdf\one drive\OneDrive - University of Jaffna\lab3\Lab03_2021E075_Q5\bin\Debug\Lab03_2021E075_Q5.exe" — 

...Welcome to our Bank....
Enter your account number.
6458999
What is the service do you want today.(withdraw / deposit)
withdraw
Enter the value of money do you want to get = 1000
You have enough account balance and you successfully withdraw 1000
Process returned 0 (0x0) execution time : 22.314 s
Press any key to continue.
```



