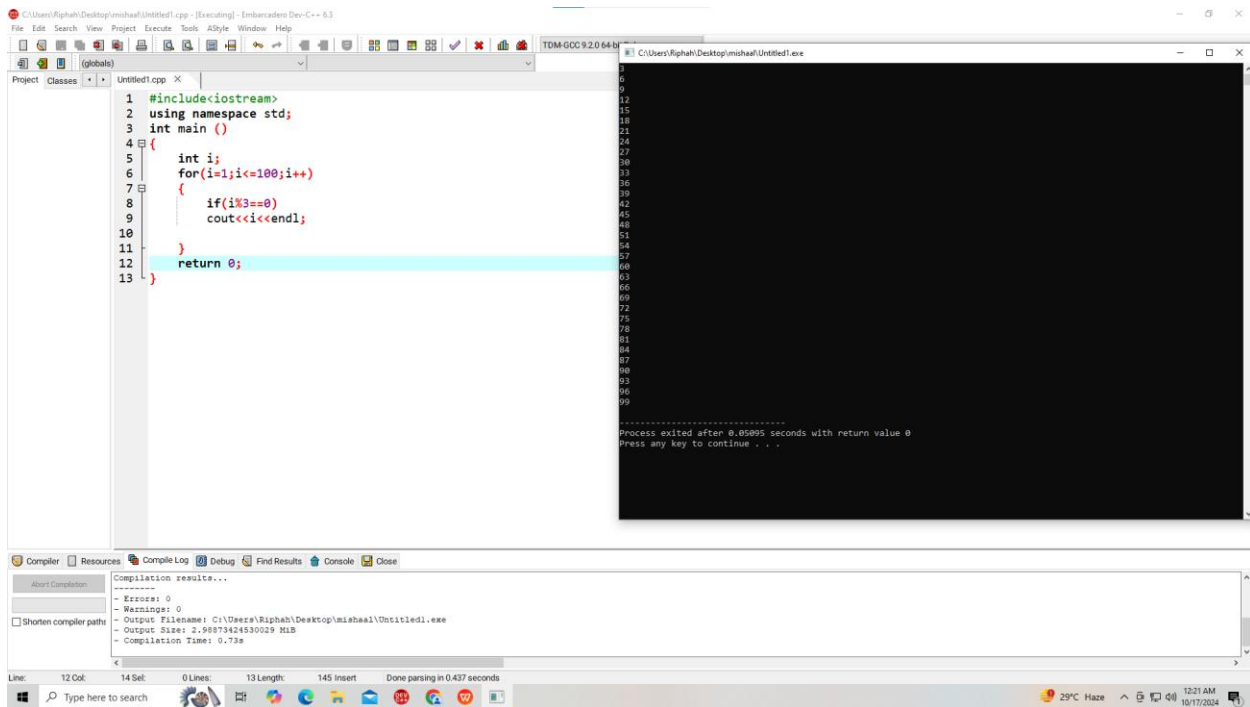


Mishaal Aamir

64883

TASK 1:



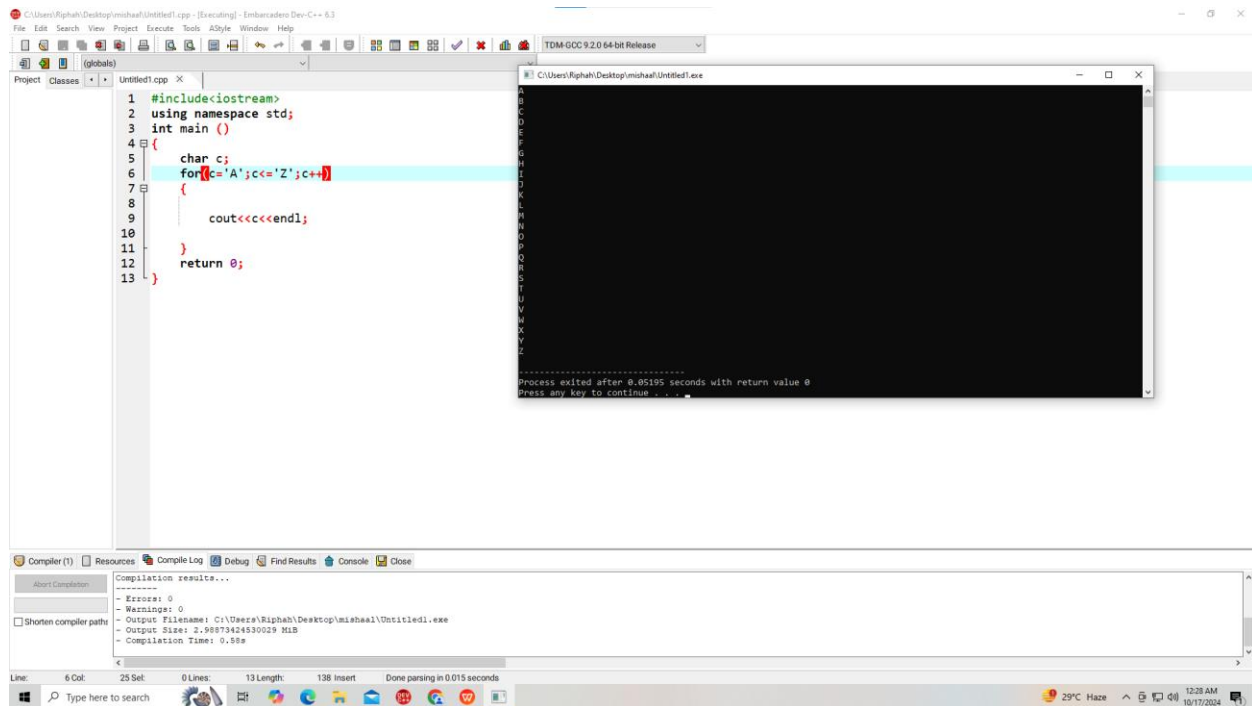
The screenshot displays an IDE window titled "C:\Users\Ripah\Desktop\mishaal\Untitled1.cpp - [Executing] - Embarcadero Dev-C++ 6.3". The main editor shows a C++ program with the following code:

```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     int i;
6     for(i=1;i<=100;i++)
7     {
8         if(i%3==0)
9             cout<<i<<endl;
10    }
11    return 0;
12 }
13 }
```

The program is being executed, and the output is shown in a separate window titled "TDM-GCC 9.2.0 64-bit". The output displays the numbers 1 through 100, with only the multiples of 3 (3, 6, 9, ..., 99) being printed on separate lines. The output window also shows the message "Process exited after 0.85095 seconds with return value 0" and "Press any key to continue . . .".

At the bottom of the IDE, the "Compiler" tab is active, showing the "Compilation results..." window. It indicates that the compilation was successful with 0 errors and 0 warnings. The output filename is "C:\Users\Ripah\Desktop\mishaal\Untitled1.exe", the output size is 2,998,732,453,029 MB, and the compilation time is 0.73s.

TASK 2:



The screenshot shows an IDE with a C++ file named 'Untitled1.cpp'. The code is as follows:

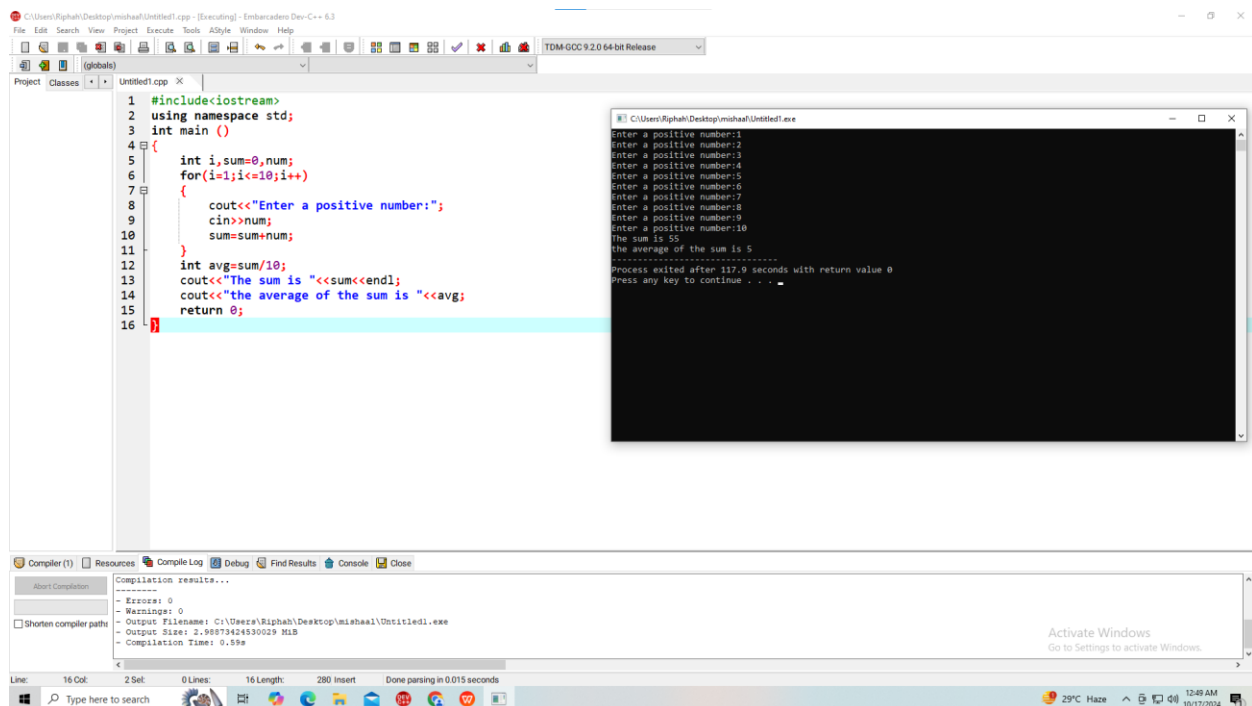
```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     char c;
6     for(c='A';c<='Z';c++)
7     {
8         cout<<c<<endl;
9     }
10    return 0;
11 }
```

The output window shows the execution of the program, displaying the alphabet from A to Z, each on a new line. The process exited after 0.05195 seconds with return value 0.

The compiler window shows the following compilation results:

```
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Riphab\Desktop\mishaal\Untitled1.exe
- Output Size: 2,98873424530029 MiB
- Compilation Time: 0.08s
```

TASK 3:



The screenshot shows an IDE with a C++ file named 'Untitled1.cpp'. The code is as follows:

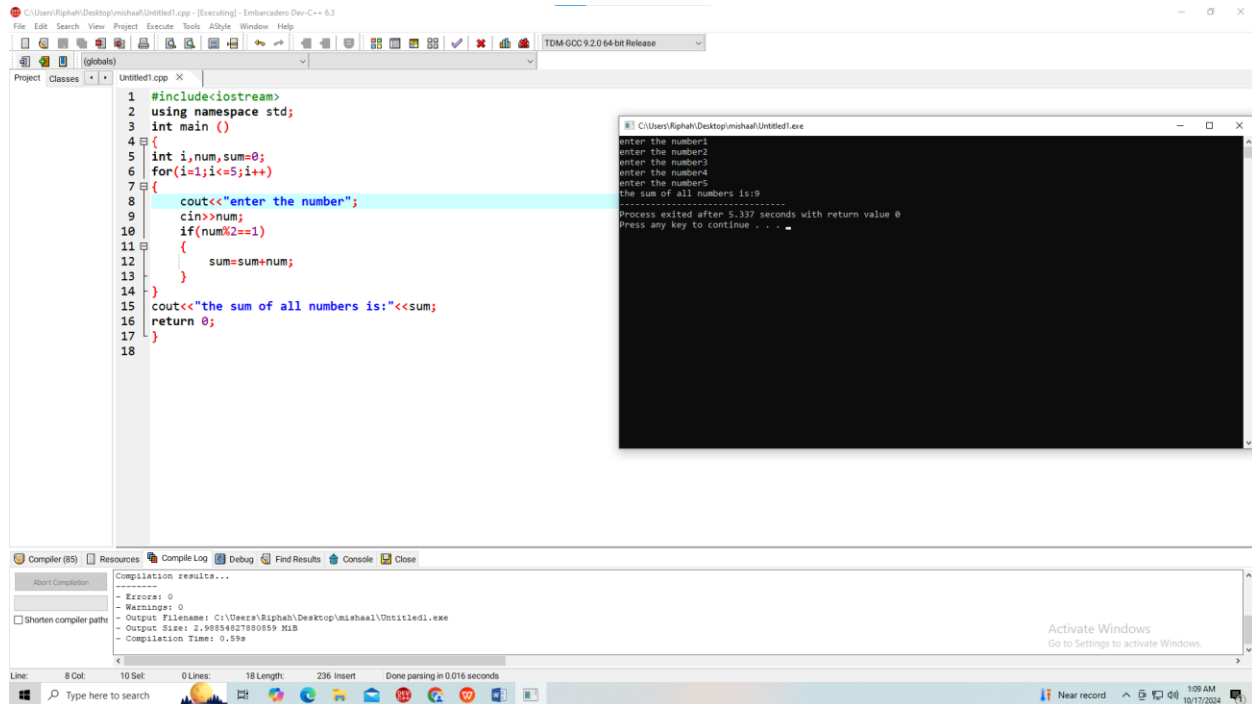
```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     int i,sum=0,num;
6     for(i=1;i<=10;i++)
7     {
8         cout<<"Enter a positive number:";
9         cin>>num;
10        sum=sum+num;
11    }
12    int avg=sum/10;
13    cout<<"The sum is "<<sum<<endl;
14    cout<<"the average of the sum is "<<avg;
15    return 0;
16 }
```

The output window shows the execution of the program, displaying the sum and average of 10 numbers. The process exited after 117.9 seconds with return value 0.

The compiler window shows the following compilation results:

```
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Riphab\Desktop\mishaal\Untitled1.exe
- Output Size: 2,98873424530029 MiB
- Compilation Time: 0.09s
```

TASK 4:



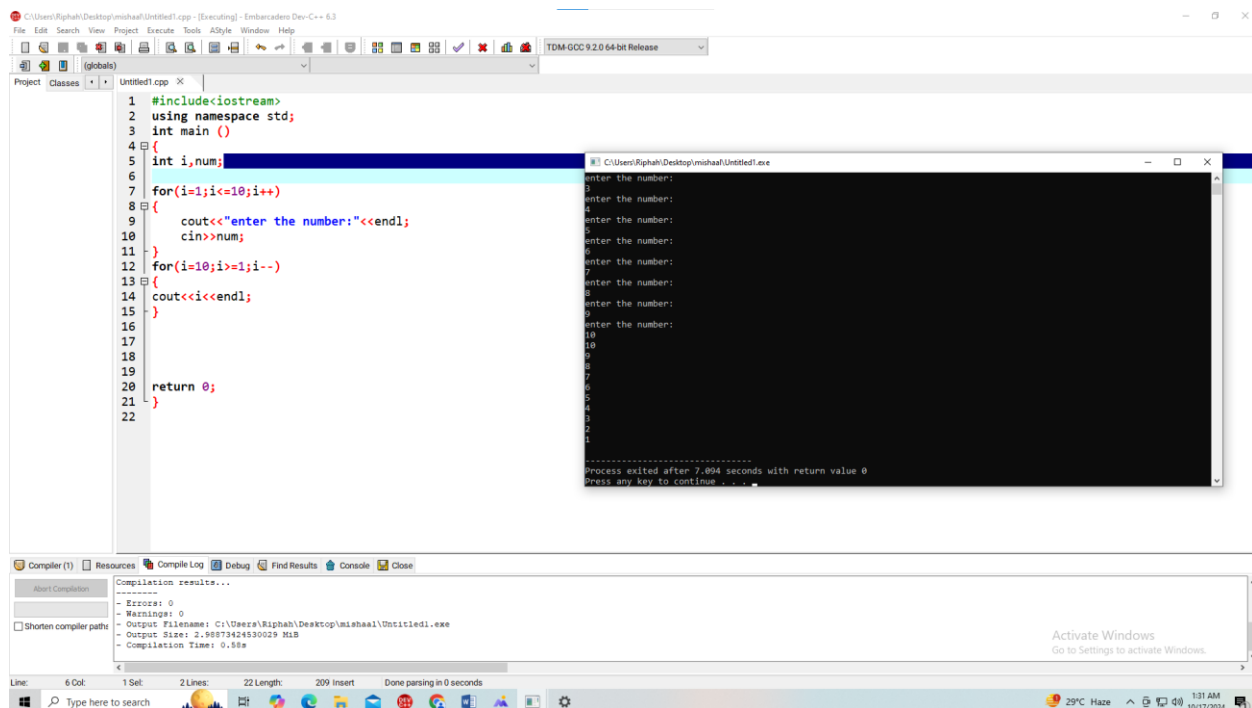
```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     int i,num,sum=0;
6     for(i=1;i<=5;i++)
7     {
8         cout<<"enter the number";
9         cin>>num;
10        if(num%2==1)
11        {
12            sum=sum+num;
13        }
14    }
15    cout<<"the sum of all numbers is:"<<sum;
16    return 0;
17 }
18
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Ripah\Desktop\mishaal\Untitled1.exe
- Output Size: 2,985,682,798,059 MB
- Compilation Time: 0.89s

Process exited after 5.337 seconds with return value 0
Press any key to continue . . .

Task 5:



```
1 #include<iostream>
2 using namespace std;
3 int main ()
4 {
5     int i,num;
6     for(i=1;i<=10;i++)
7     {
8         cout<<"enter the number:"<<endl;
9         cin>>num;
10    }
11    for(i=10;i>=1;i--)
12    {
13        cout<<i<<endl;
14    }
15    return 0;
16 }
17
18
19
20
21
22
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Ripah\Desktop\mishaal\Untitled1.exe
- Output Size: 2,985,734,213,029 MB
- Compilation Time: 0.89s

Process exited after 7.094 seconds with return value 0
Press any key to continue . . .