Q1.

Solution 1.

```cpp
#include <iostream>
using namespace std;
int main()
{
    string a[13];
    a[1]="January";
    a[2]="February";
    a[3]="March";
    a[4]="April";
    a[5]="May";
    a[6]="June";
    a[7]="July";
    a[8]="August";
    a[9]="September";
    a[10]="October";
    a[11]="November";
    a[12]="December";

    int n;
    cout<<"Enter the no: ";
    cin>>n;
    cout<<"Month is: "<<a[n];
    return 0;
}
```
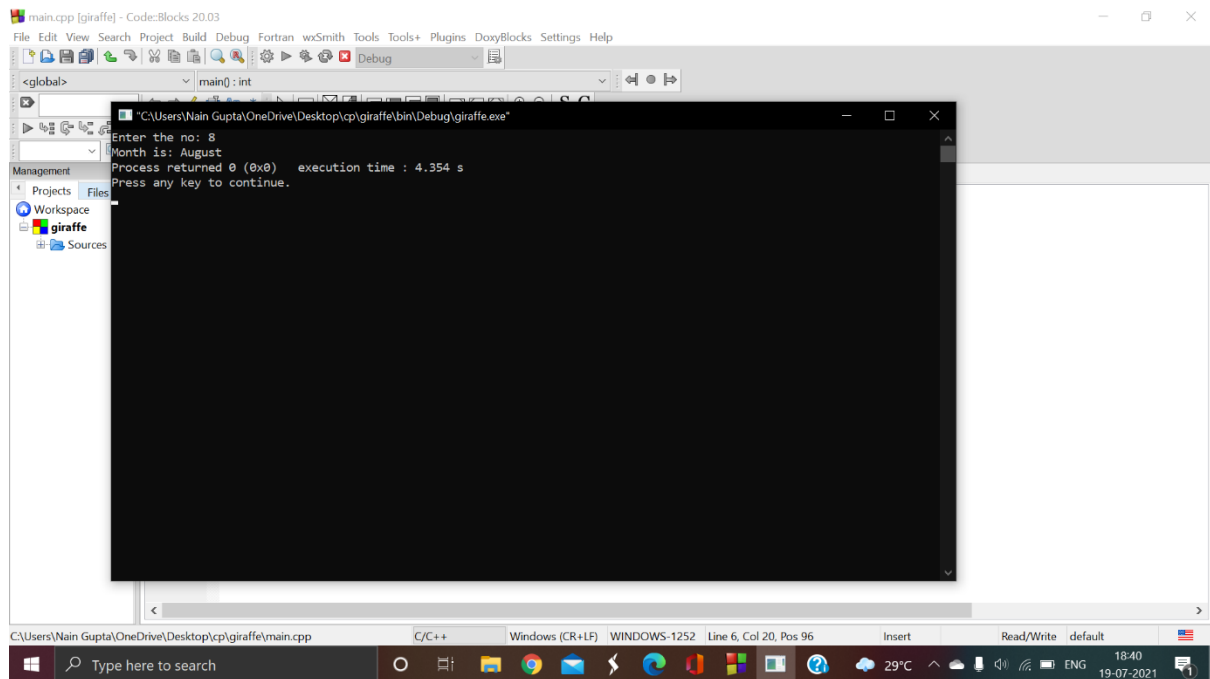
Q2.

Solution 2.

#include <iostream>

using namespace std;

int main() {

int day;

int month;

int year;

cout<<"Please enter your date "<<endl;

cin>>day>>month>>year;

if((month==1 || month==3 || month==5 || month==7 || month==8 || month==10 ||

month==12)&&(day>=1 && day<=30))

{

 cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<day+1<<":"<<month<<":"<<year;

}

if((month==1 || month==3 || month==5 || month==7 || month==8 ||

month==10)&&(day==31))

```cpp
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<"1"<<":"<<month+1<<":"<<year;
}
if(month==12 && day==31)
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<"1"<<":"<<"1"<<":"<<year+1;
}
if(((year%4==0&&year%100!=0)||(year%400==0))&&((month==2&&day==28)))
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<"29"<<":"<<month<<":"<<year;
}
if(((year%4!=0||year%100==0)&&(year%400!=0))&& month==2 && day==28)
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<"1"<<":"<<month+1<<":"<<year;
}
if(( month==4 || month==6 || month==9 || month==11)&&(day>=1 && day<=29))
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<day+1<<":"<<month<<":"<<year;
}
if(month==2 && (day>=1&&day<=27))
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<day+1<<":"<<month<<":"<<year;
}
if((month==2 || month==4 || month==6 || month==9 || month==11)&&(day==30))
{
cout<<"Date following "<<day<<":"<<month<<":"<<year<<" is "<<"1"<<":"<<month+1<<":"<<year;
}
return 0;
}
```

Q3.

Solution 3.

```cpp
#include <iostream>

using namespace std;

int main() {

    int a, b;

    cout<<"Enter the nos: ";

    cin>>a>>b;

    if(a>b){

        cout<<"up"<<endl;

    }

    else if(a<b){

        cout<<"down"<<endl;

    }

    else if(a==b){

        cout<<"equal"<<endl;

    }

    else{
```

```
        cout<<"error"<<endl;

    }


    return 0;

}
```

Q4.
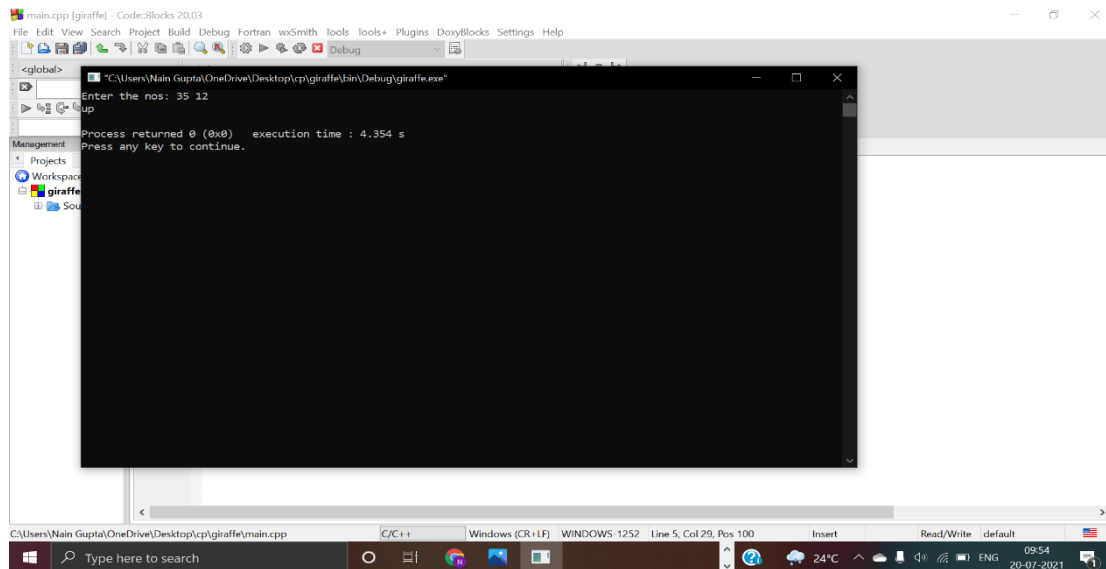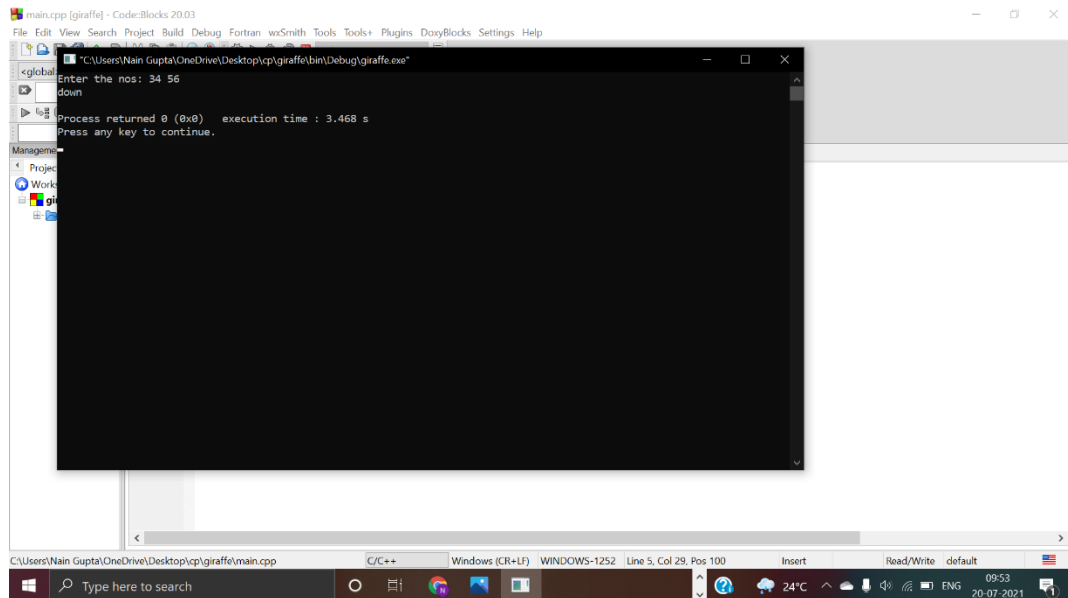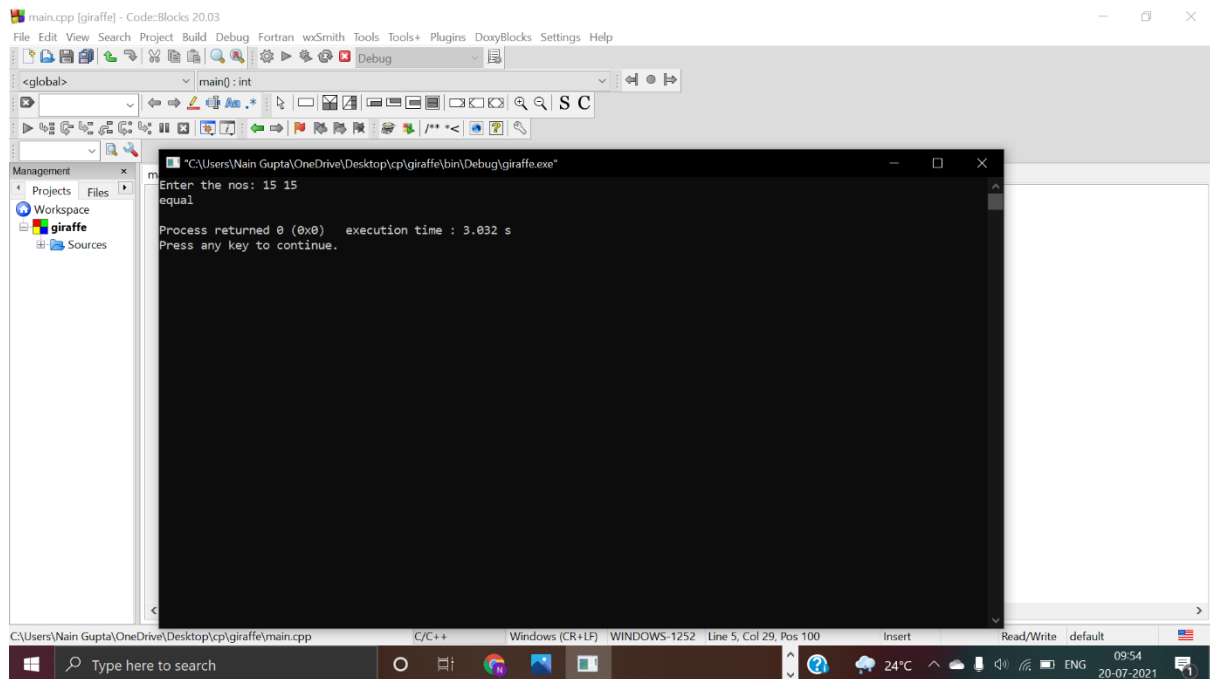
Solution 4.

```cpp
#include <iostream>

using namespace std;

int main() {

    int sec, mins, hr;

    cout<<"seconds: ";

    cin>>sec;

    mins=sec/60;

    hr=mins/60;

    cout<<sec<<" seconds is equivalent to "<<hr<<"hours "<<(mins%60)<<"minutes "<<(sec%60)<<"seconds";

return 0;

}
```
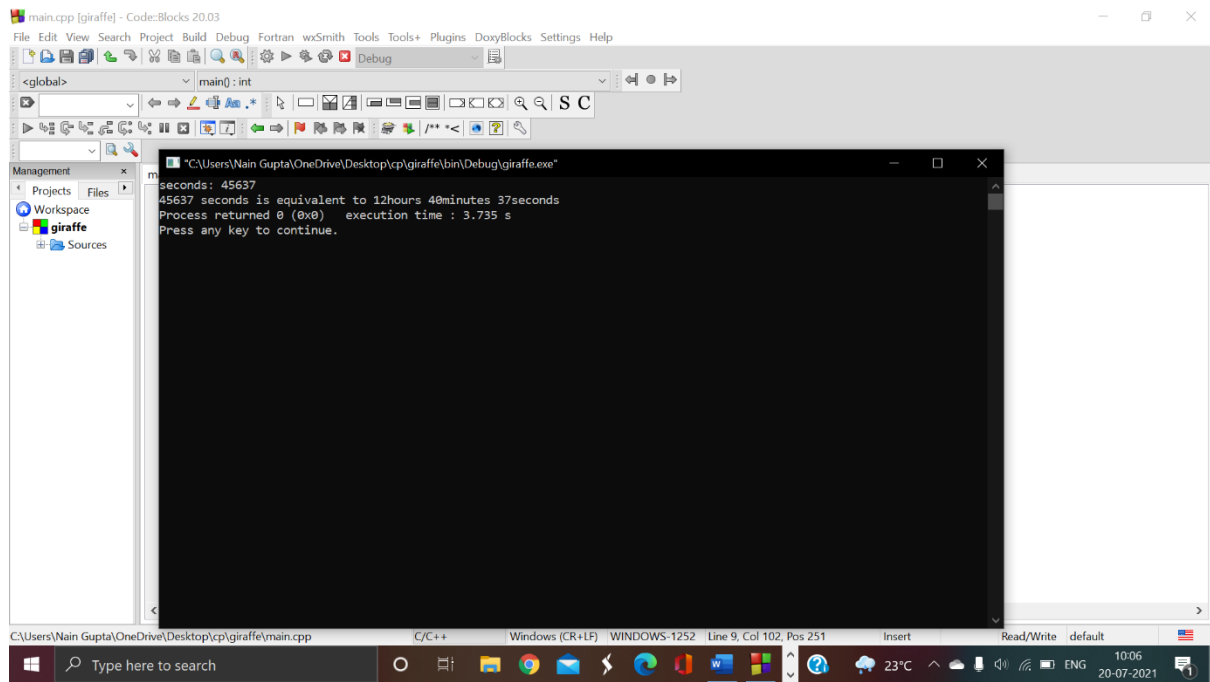
Q5.

Solution 5.

```cpp
#include <iostream>
using namespace std;
int main() {
    float fahrenheit, celcius;
    cout<<"Enter the temperature in celsius: "<<endl;
    cin>>celcius;
    fahrenheit=((celcius*9)/5)+32;
    cout<<celcius<<" degree celsius converts to "<<fahrenheit<<" degrees fahrenheit";
    return 0;
}
```

Enter the temperature in celsius:
56
56 degree celsius converts to 132.8 degrees fahrenheit

Process returned 0 (0x0)   execution time : 1.393 s
Press any key to continue.