Lab 14

In your Date class, do following practice:

1, Define three public member function: day, month, year, which can help you get the value of day, month, year of that date.

Requirement: the return type should be int.

2, You may notice that considering boundary condition of the value is very bothering, so we can implement a new member function is_valid to check whether your date is a reasonable/legal date to use.

Once you implement your is_valid function in other member function, for example in the assignment 6, you can choose to use is_valid to check the boundary and report the error.

To use this function, here is a simple example(you can also read the example in the code file):

```
bool Date::is_valid()// it's a member function and can dirrecIt access the member
{
      //the function body you should implement
}
Date(int x, int y, int z)//your constructor
{
   if(!is_valid())
{
    throw runtime_error("invalid input");
}
}
```

```
int main()

try

{

    // your original main function

}

catch (runtime_error &e)

{

  cerr<<"runtime_error:"<<e.what()<<endl';

keep();

}
```