

```
#include<iostream>

using namespace std;

int main(){

    int month,year;

    cout<<"Enter Months: "<<endl;

    cin>>month;

    cout<<"Enter Year: "<<endl;

    cin>>year;


    if(month==1 || month==3 || month==5 || month==7 || month==8 || month==10 ||
month==12) cout<<"31";

    else if(month==2){

        if ((year % 400 == 0) and (year % 100 == 0)){

            cout<<"29";

        }

        else if ((year % 4 ==0) and (year % 100 != 0)){

            cout<<"29";

        }

        else{

            cout<<"28";

        }

    }

    else{

        cout<<"30";

    }

    return 0;

}
```