IsLeapYear Documentation

```
                            ┌──────────────────┐
                     ┌─────▶│  Ask for input   │
                     │      └──────────────────┘
                     │               │
                     │               ▼
 If input is not an  │      ┌──────────────────┐
 integer or an       │      │  Validate input  │
 integer below 1582  └──────└──────────────────┘
                                     │
                              If input is valid
                                     ▼
                            ┌──────────────────┐
                            │ Call the isLeapYear
                            │      method       │
                            └──────────────────┘
           If input is a leap year      If input is not a leap year
                   ▼                              ▼
         ┌──────────────────┐          ┌──────────────────┐
         │ Print "yay" in the│          │ Print "nay" in the│
         │     console       │          │     console       │
         └──────────────────┘          └──────────────────┘
```
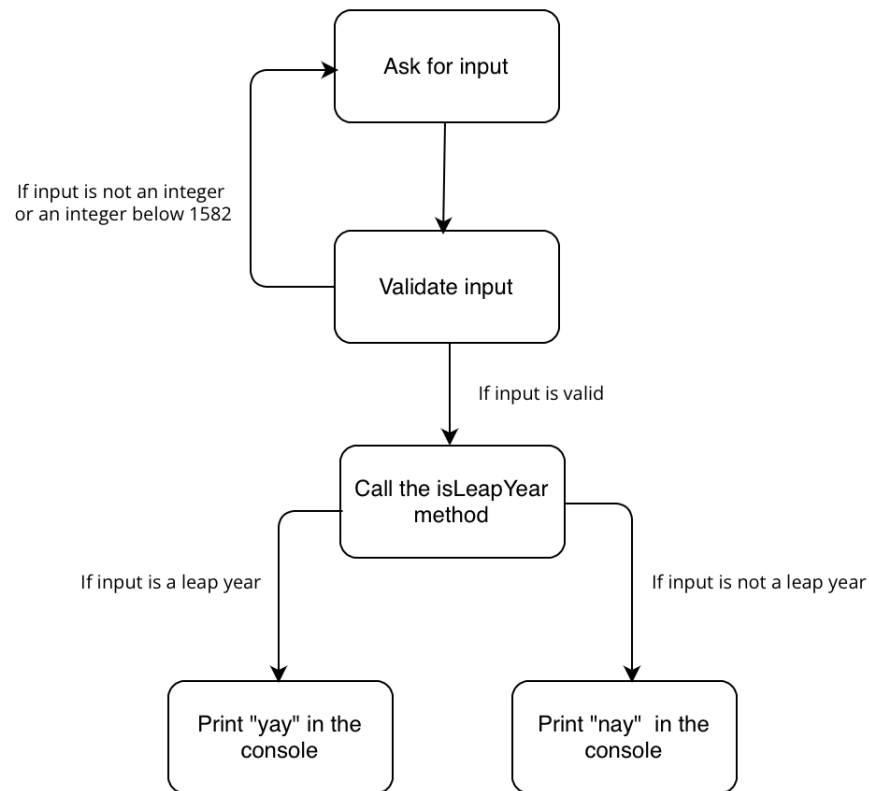
When running the Main method the program will prompt the user for a year.
The program will then check if the input is an integer above 1582. If not, the
user will be informed that the input is invalid and the process will repeat itself.
If the input is valid the IsLeapYear method will be called. If the input modulo
4 is 0 the method will return true, otherwise it will return false. If the method
returns true the console will print "yay", if false it will print "nay".