

```
java -cp class Date  
date: 5/7/2001  
day on 1st January: Monday  
day on 5/7/2001: Thursday
```

```
java -cp class Date  
date: 3/8/2002  
day on 1st January: Wednesday  
day on 3/8/2002: Sunday
```

```
java -cp class Date  
date: 5/20/2022  
day on 1st January: Monday  
Malformed Input
```