

"""

### Day 7 coding Statement:

Get the number of month and year as input from the user and check the number of days present in that month.

#### Input:

Enter month : 2

Enter year : 2000

#### Output:

29

"""

```
def isLeafYear(year):
```

```
    if year % 4 == 0:
```

```
        if year % 100 == 0:
```

```
            if year % 400 == 0:
```

```
                return True
```

```
            else:
```

```
                return False
```

```
        else:
```

```
            return True
```

```
    else:
```

```
        return False
```

```
def daysInMonth(month, year):
```

```
    if month in (1,3,5,7,8,10,12):
```

```
        print("Number of Days 31")
```

```
    elif month == 2 and isLeafYear(year):
```

```
        print("Number of days is 29")
```

```
    elif month == 2:
```

```
        print("Number of days is 28")
```

```
    else:
```

```
        print("Number of days is 30")
```

```
if __name__ == "__main__":
```

```
    month = int(input("Enter the month: "))
```

```
    year = int(input("Enter the year: "))
```

```
    daysInMonth(month, year)
```