

# Sharmeen and the day of week

Sharmeen, the little girl recently learned about the days of week(Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday). Now she wonder what will be the day of week after X days id, given today is Friday.

## Input

An interger X.

## Output

Print the day after X days. Let today is Friday.

**Constrain:**

$$0 \leq X \leq 10^9$$

## Example

**Input:**

0

**Output:**

Friday

**Input:**

1

**Output:**

Saturday