Challenge 2: What Day is it?

In this challenge, you will find out the respective weekday depending upon the given number.

Problem statement?

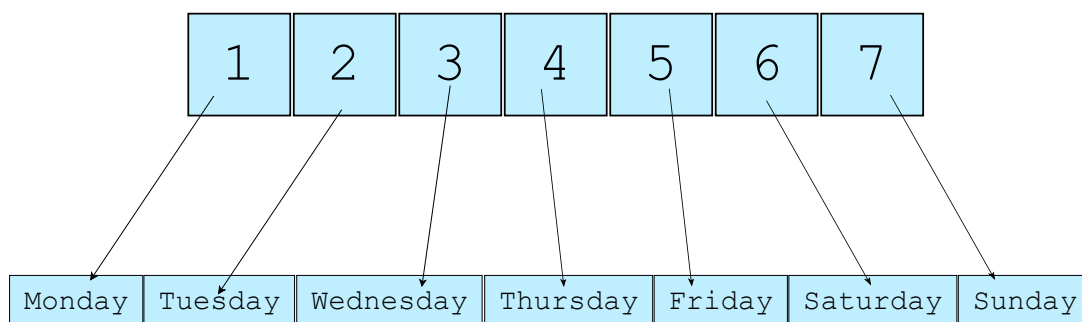There are so many formats in the days of the week. Some people say the first day, some say Monday. Today we will define a format for the day of the week!

Coding exercise

In this coding exercise, you are given a number `x`, and you have to set the corresponding day in the variable `answer`. Which number corresponds to which day is given in the picture below! If the number given does not correspond to any of the numbers in the picture, simply set the `answer` to an `"invalid input"`.

1	2	3	4	5	6	7

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

Only write the code where instructed in the snippet below. The **return** statement and the **variable** to be returned are already mentioned for you.

Test your code against our cases and see if you can pass them.

The solution is given in case you get stuck, and the next lesson will include a review of the solution, but it is **highly recommended** that you try it yourself first!

Good Luck!

```
class weekday {
    public static String week_day(int x) {
        String answer = "";
        // Enter your code here
        // Store your final result in the variable answer

        /* You do not need to worry too much about the return statement for the
        moment and just set the value of "answer" correctly*/

        return answer;
    }
}
```

In the next lesson, we will review the solution to the above challenge.