2h 11m
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ALL

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## 2. Preprocess Dates

On a web form, users are asked to enter dates which come in as strings. Before storing them to the database, they need to be converted to a standard date format. Write a function to convert the dates as described.

Given a date string in the format *Day Month Year*, where:

- *Day* a string in the form "1st", "2nd", "3rd", "21st", "22nd", "23rd", "31st" and all others are the number + "th", e.g. "4th" or "12th".
- *Month* is the first three letters of the English language months, like "Jan" for January through "Dec" for December.
- *Year* is 4 digits ranging from 1900 to 2100.

Convert the date string "*Day Month Year*" to the date string "*YYYY-MM-DD*" in the format "*4* digit year - *2* digit month - *2* digit day".

### Example

- *1st Mar 1974 → 1974-03-01*
- *22nd Jan 2013 → 2013-01-22*
- *7th Apr 1904 → 1904-04-07*

### Function Description

Complete the function *preprocessDate* in the editor below.

preprocessDate has the following parameter(s):
    *string dates[n]:*  an array of date strings in the format *Day Month Year*
Returns:
    *string[n]:* array of converted date strings

### Constraints

- The values of *Day*, *Month*, and *Year* are restricted to the value ranges specified above.
- The given dates are guaranteed to be valid, so no error handling is necessary.
- $1 \le n \le 10^4$

▶ **Input Format for Custom Testing**

▼ **Sample Case 0**