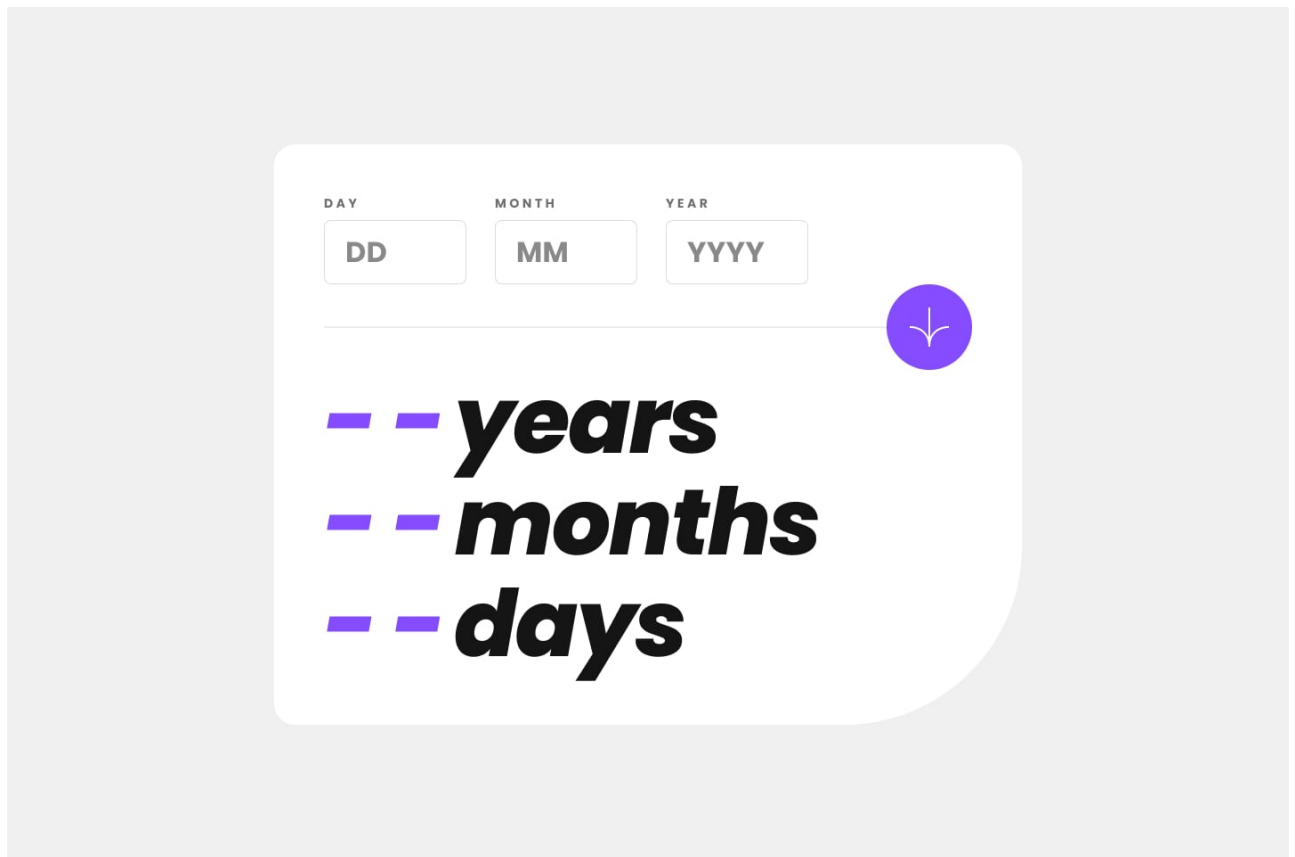


Assignment 3: Build An Age Calculator App - React States & Components

Due Date: **8th May, 2023 23:59:59**

1. Using React and any styling method/tools of your choice (raw CSS, Bootstrap, etc...), build out this **Age Calculator** app and get it looking as close to this design as possible.



The design shows a white rounded rectangle on a light gray background. At the top, there are three input fields labeled 'DAY', 'MONTH', and 'YEAR' above them. The fields contain 'DD', 'MM', and 'YYYY' respectively. To the right of these fields is a purple circular button with a white downward arrow. Below the fields, there is a horizontal line. Under the line, the text is displayed in a large, bold, black font: '-- years', '-- months', and '-- days'. The dashes are purple.

2. Your users should be able to:
 1. View an age in years, months, and days after submitting a valid date through the form

A date calculator interface with three input fields at the top labeled DAY, MONTH, and YEAR. The DAY field contains '24', the MONTH field contains '09', and the YEAR field contains '1984'. To the right of these fields is a purple circular button with a white downward arrow. Below the input fields, the calculated age is displayed in a large, bold font: '38 years', '3 months', and '26 days'. The numbers '38', '3', and '26' are in purple, while the words 'years', 'months', and 'days' are in black.

2. Receive validation errors if:

- Any field is empty when the form is submitted
- The day number is **not** between 1-31
- The month number is **not** between 1-12
- The year is in the future
- The date is invalid, e.g. 31/04/1991 (there are 30 days in April)

Below are some Form Error scenarios.

Empty Field(s) Error:

DAY

MONTH

YEAR

DD

MM

YYYY

This field is required

This field is required

This field is required

--

years

--

months

--

days

Invalid Inputs Error:

DAY

MONTH

YEAR

98

14

2177

Must be a valid day

Must be a valid month

Must be in the past

--

years

--

months

--

days

Invalid Date Error:

DAY MONTH YEAR

31 04 1991

Must be a valid date

-- years
-- months
-- days

Here are some hints and pointers:

- Use the **style-guide.md** provided in the resources of this exercise to assist you in choosing the right colors and font styles for this project
- You may have at least 3 **state** variables - **day**, **month**, and **year**.
- Feel free to have any number of components and states as long as they make sense to you.

P.S the original challenge is from [Frontend Mentor](#).

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