

# Timeout Exercise

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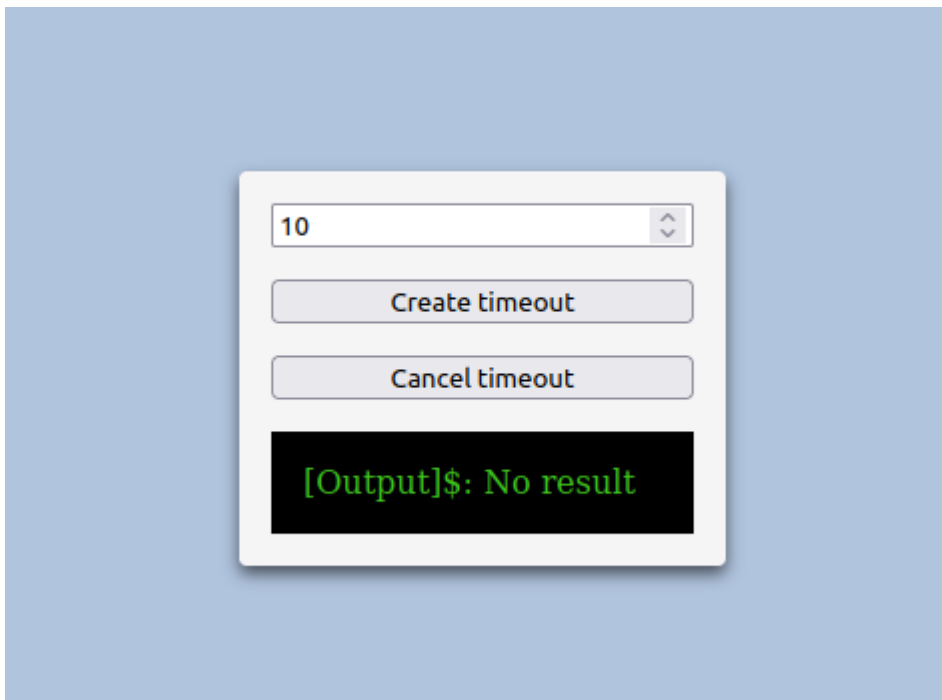
## Content

Create 4 elements inside a card:

- `Numeric input` to set the number of seconds to wait.
- `Create timeout button` to init a new timeout.
- `Cancel timeout button` to cancel any timeout already created.
- `Output paragraph` to print some messages.

## Styling

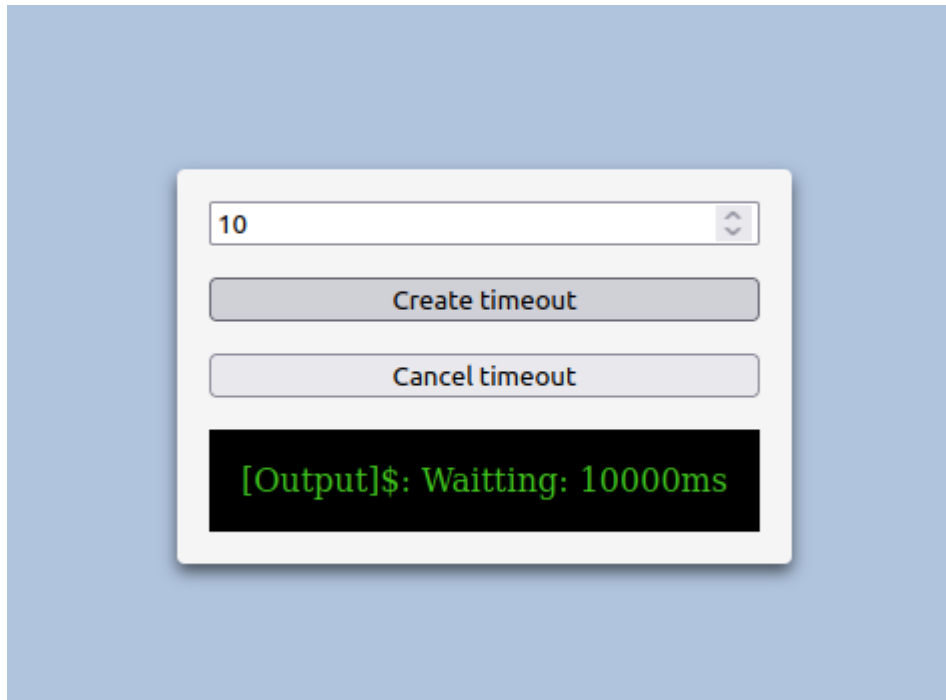
- Body should occupy at least the entire viewport height.
- The card should be centered, both vertically and horizontally.
- Add some spacing between the elements and inside the card.
- The width of the card should adapt to its content (the more content it is, the wider it becomes).
- The paragraph should have a black background and green (#42c920) text.
- The paragraph should have a non selectable text before the output (e.g. `[output]$:`).
  - **Tip**, check how `::before` works in CSS.



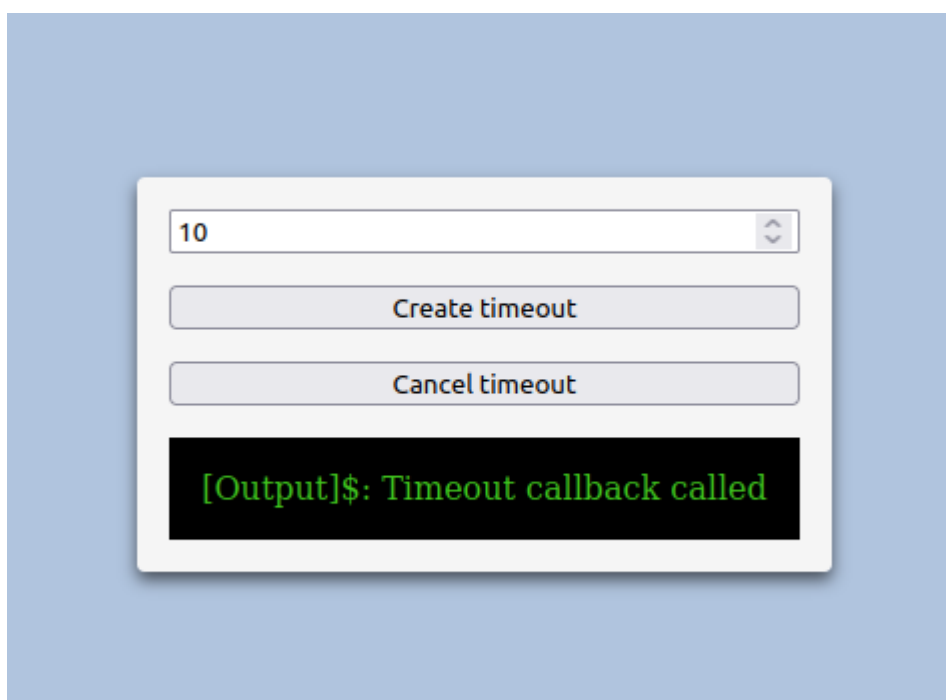
# Functionality

How does it work?

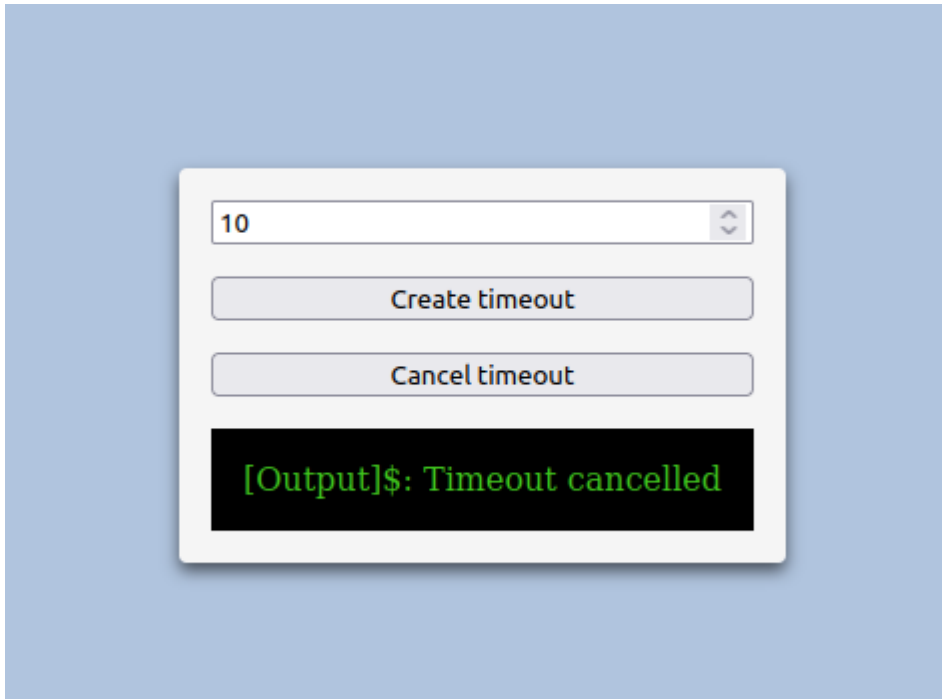
- Write any number in the input.
- Press **Create timeout button**.
  - It should write **Waiting Xms** in the output paragraph.



- It has to wait that number of seconds and then a function should execute.
- That function should write a console.log and update the paragraph output.



- If you click on **Cancel timeout button** between **Create timeout button** and the waiting time, the timeout should cancel, so the function mentioned above should not be executed.



- **WARNING!** What happens if you click on **Create timeout button** many times very fast? And if you do the same and then click **Cancel timeout button**? (The issue may be easier to see in the logs)
  - Our objective is that if you press **Create timeout button** many times, the timeout should execute only once.