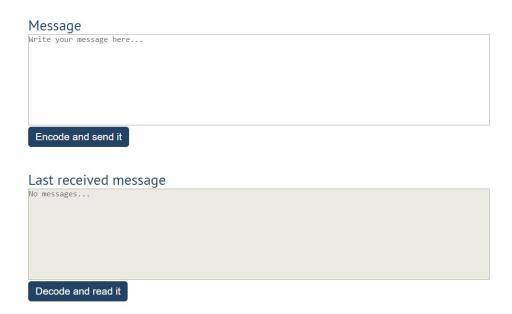
Exam Prep: DOM Manipulations

Encode and Decode Messages

In this problem, you should **create a JS functionality** which **encodes and decodes some messages which travel to the network.**



This program should contain two functionalities.

The first one is to encode the given message and send it to the receiver.

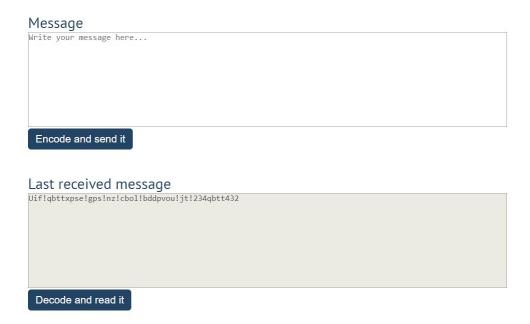
The second one is to decode the received message and read it (display it).

When the [Encode and send it] button is clicked, you should get the given message from the first textarea. When you get the current message, you should encode it as follows:

- Change the ASCII CODE on every single character in that message when you add 1 to the current ASCII NUMBER, that represent the current character in that message
- Clear the sender textarea and append the encoded message to the receiver textarea

lessage
e password for my bank account is <u>123pass321</u>
Encode and send it
ast received message
messages
Decode and read it

After clicking [Encode and send it] button the result should be:



After that, when the [Decode and read it] button is clicked. You need to get the encoded message from the receiver textarea and do the opposite logic from encoding:

- Subtract 1 from the current ASCII NUMBER, that represents the current character in that message
- Replace the **encoded message** with the already **decoded message** in the receiver textrea, to make it readable



essage
te your message here
incode and send it
ist received message
e password for my bank account is 123pass321

What to submit?

Decode and read it

Zip file containing the following:

- app.js
- template.css
- template.html

File Name: ENCODE-AND-DECODE-MESSAGES.zip

