Main Task

Responsive Website

1. Create a responsive website from the given png-templates (viewport_desktop.png, viewport_mobile.png)
2. The header should be sticky
3. The links in the header should be highlighted when clicked
4. The images in the image carousel should keep their aspect ratio
5. You may use jQuery or other JS frameworks and CSS-Grids (i.e. from Bootstrap), but no JS plugins or CSS frameworks

Additional questions:

6. If you used CSS for the image carousel only, why?
7. If you used JS additionally for the image carousel, why?

Additional Task

ReCaptcha

1. Render Google ReCaptcha once it's loaded
2. Validate the captcha / check for a response (class: 'g-recaptcha-response') on submit

Additional questions:

3. Why can the function 'grecaptcha.render()' not be directly called on pageload?
4. Why is the callback function as a parameter for the recaptcha javascript needed?
5. What are the advantages/disadvantages of the object oriented javascript?