

**JavaScript Front End Developer**

**Problem #1: Responsive Design**

Please implement the page from the psd attached to the mail. I would like you to produce 1 HTML file, which will be responsive and will fit to any resolutions. You can use frameworks such as Bootstrap to create the page.

**Problem #2: Validation**

Please create validation for the page from Problem #1. The validation should be write to Vanilla javaScript and it should have the following rules for the fields:

|  |  |  |  |
| --- | --- | --- | --- |
| Fields name | Type | Validation | Comment |
| full name | Text | 2 words from 3 to 20 symbols | The field should contain 2 words which should be from 3 to 20 symbols. |
| Email | Text | Valid email address |  |
| Phone number | text/number | number only  Minimum 5 digits | Phone number should be field with min 5 digits and it should contain only numbvers and start with 0. |
| Country | Select combo | Must not be empty | The list Will show full country name and will send 2 letter country code to the server |
| Country dial prefix | text/number | Must not be empty | The value should be number of the country code. The value will change according to the value selected in the country field. |
| Term And Conditions | Checkbox | Must be selected | Default: not selected |

**Problem #3: OOP**

Please write classes structure (in Javascript) that describes the following Objects and their properties/functions.

1. Dolphin
2. Age (property)
3. Sleep (function that print ‘zzzzzz’)
4. Swim (function that print ‘splah’)
5. Lion
6. Age (property)
7. Sleep (function that print ‘zzzzzz’)
8. Roar (function that print ‘wrrrrr ’)
9. Eat (function that print ‘yummy’)
10. Eagle
11. Age (property)
12. Sleep (function that print ‘zzzzzz’)
13. Fly (function that print ‘whoohooo’)
14. Eat (function that print ‘yummy’)
15. Bee
16. Age (property)
17. Sleep (function that print ‘zzzzzz’)
18. Fly (function that print ‘whoohooo’)