

# Welcome To Our Fullstack Test

## Requirements:

- clear & understandable code.
- responsive design - it should look well in mobile devices as well -
- **material design** is A+.
- touch\tap must be supported - please test it well on mobile device
- Instructions for how to deploy, build and run step by step.

## Q1 - Text Slider:

This page must be responsive and work same for mobile devices and desktop browsers.

1. [Header needs to be sticky](#)
2. Text slider - it will rotate texts inserted from the "Text Insertion Form" - **slider should present 3 slides at a time, all slides are even (300x80).**
3. Slider should have prev\next buttons to scroll the slider left or right
4. Text Insertion Form (TIF)
  - a. Add new text slide - when user adds new text (text input + submit button) , a new slide(300x80) with the filled text will automatically be added to the slider's cycle, **without refreshing\stopping** the slider
  - b. when new text submitted it must update a new row in the Text Slides Table
5. Text Slides Table(TST) - Table with following columns Text ID(auto increment)\ Impressions count.

Impressions - Text slider. Slides automatically every x seconds. the slider should slide to the next Text slide(**3 text slides at a time**), each time Text slide is been presented it should increase by 1 the impression counter(Text Slides Table) for the presented Text slides.

## Q2:

In Laravel - how do you maintain db migration ? db schema updates ?

## Q3:

Write a pure javascript code that saves in localStorage number of site entrances and when it reaches 10 it clears the entire localStorage.

Q4:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

[ [ A : 1 ], [ B : 2 ], [ P : 16 ], [ B : 2 ], [ C : 3 ], [ A : 1 ], [ O : 15 ], [ C : 3 ] ..... Infinite ] - using only php, please create one array that will have all A-Z letters sorted in their right order using lowest time complexity.

- All english letters are lowercase
- All letters' value is their real A-Z index

GOOD LUCK :)