Assignment 1

**Description Document**

**WEB ENGINEERING**

**BESE-4A**

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Class: BESE-4A

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# GitHub Link:

<https://github.com/umarhussain15/Assignment-1>

# Language:

Urdu language is used for this app.

# Images:

Total images required 35.

23 image files are used in this assignment. Other images are produced using CSS.

## Images by CSS:

* Circle
* Semi-Circle
* Rectangle
* Triangle
* Magnifying Glass
* Rainbow
* Oval
* Diamond
* Moon
* Star
* Line
* Hexagon

# Alphabets Introduction:

## Design:

At the top we have heading of section then below heading navigation and content are placed inline. Left and right navigation buttons for moving between alphabets. Then two divs between them of equal width. One div contains letter and name while second div contains image. These two divs bounce out on hover.

At the bottom we have a link button for quiz section.

## Working:

The navigation is done by radio buttons. There are 35 radio buttons and each of them has a div with class “row” next to them. The radio buttons and “row” divs are hidden. Labels are used on radio button which navigates forward and backward. When a radio button is checked it displays “row” div. Now the visible div has labels for previous radio button and next radio button. So if left arrow is clicked it checks previous radio button thus displaying previous letter.

# Quiz Section:

## Design:

At top we have section heading. Then below it we have two content divs in vertical flow. First div contain question for the given letter. The second div contains four option images. These images bounces on hover.

## Working:

All the four images are clickable and quiz moves to next question only If the answer is correct. On clicking wrong image it will show name of that image with red background indicating wrong selection. On selecting right answer it highlights it name with cyan background and moves to next question. The navigation is done by radio button at the backend.