

## Task: Changing effects

Weight	:	10	Whom for	:	NA	Difficulty	:	Medium
Importance	:	High	Expected Duration (mins)	:	NA	Level	:	100

Here is a simple web UI. It has a text box which contains a header and some text. In the bottom section there are 10 buttons with which one can change the styling of the background-color, font-family and font color of the text box. One can choose to change any one or all of these properties. Beside the buttons there is a box. This should display the relevant CSS code for the text box when no/any style is changed so that the copied code reproduces the exact same results. Reset button removes all styling from the text box.

### Change text and generate Code!

By pressing the buttons below, one can change the text box color, font family and font color all together or one by one. For example, when someone clicks cyan button, text color of this box and the heading should change to cyan from black. In the box below with a heading 'Code' should print the html/ css styling for the current text and text box styling. It should change, when any of the following buttons are clicked, accordingly so that when someone copies the code it reproduces a similar text box like this one. Reset button should remove all effects.

Background color: BLUE GREEN RED

Font Family: UBUNTU ROBOTO COURIER NEW

Font Color: CYAN PURPLE BLACK

RESET

Code:

Code for the above text box should be printed here.

### Summary

- Integrate your code so that the required outcome is printed in the CSS code Box.

### HTML/CSS code

- Download the zip for html and CSS codes.

### Hint and References

- All required design elements have been provided

### Instructions

- Use ReactJS
- Your code must be organized properly.

### Delivery

- PullRequest, Branch: feature/changing-effects (ask to merge to `develop`)
- Recording: **[Don't merge two videos, export videos to at least [1080p](#)]**
  - Product Demo(Not coding) : Demonstrate that the product is well achieved and all the actions can be performed. **DON'T explain code in a demonstration video. You will be disqualified.**
  - Coding Walkthrough : Explain the code briefly as per your understanding. Also explain the database design where it is applicable.

### Language/Framework

- TypeScript
- ReactJs