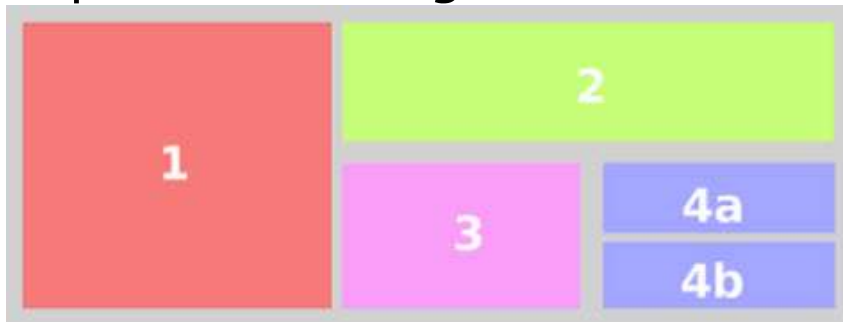


Upload one file called exam.zip to blackboard. It is recommended that you use separate files for each question.

1.
 - Create a HTML page that collects only letters, not numbers, from the user.
 - Do not allow duplications.
 - Show the letters that I have successfully added on the page.
 - I expect to see 'a', 'm',... 'z'. Not metacharacters, symbols or icons - just characters a-z. Case does not matter.
2. Replicate this image with HTML and CSS - using Flexbox.



3. Figure out what is wrong with the code below and fix it.

```
float age = 0.0f;
private function check age () {
    if ( that.age.toString() <> 1.4f ) {
        return void;
    } elseif {
        return 1;
    }
}
```

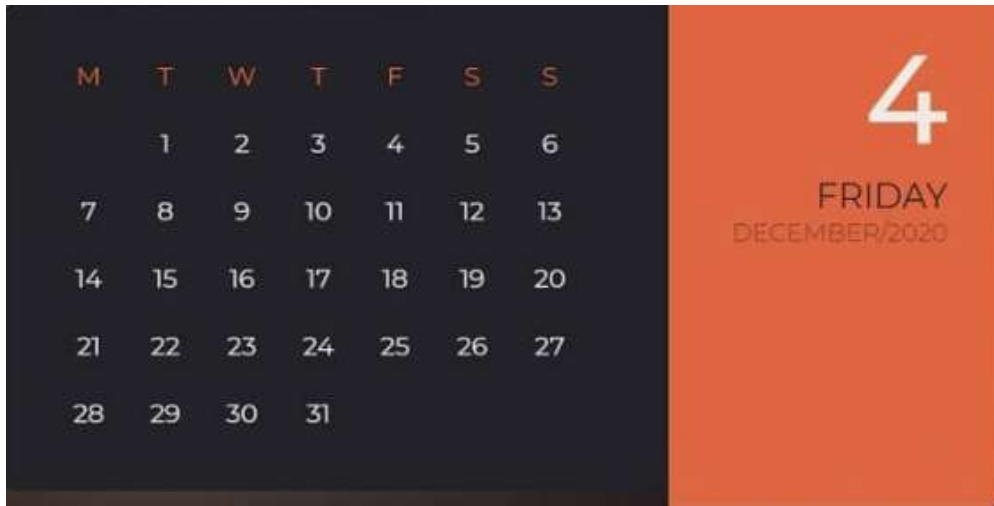
4. Replicate this HTML Table using HTML table elements.

The color color value is **#D76541**

The dark color value (on the other side of the orange is **#242329**

The color of the days of the week on the top is **#795851**

The font family you should use is: <https://fonts.google.com/specimen/AR+One+Sans?preview.text=4&sort=date>



5. What is the output of this code:

```
let nctPromise = new Promise(function(resolve, reject) {
  setTimeout(function() {
    resolve("Jumping on my trauma. Already wear pajamas");
  }, 2000);
});

nctPromise.then(function(data) {
  console.log(data + ' 11');
});

nctPromise.then(function(data) {
  console.log(data + ' 22');
});

nctPromise.then(function(data) {
  console.log(data + ' 33');
});
```

6. Create the CSS and HTML that will resemble this image as best you can.



7. Create a HTML page that will have 2 textfields that use a native date picker control that raises a message to the user based on the dates they pick. The first date picker has a placeholder that says "Departing On" and the other (to the right of it) has another date picker that has a placeholder for "Returning On". After the user indicates their departing and return dates, you calculate the number of travel dates between them.

Only show a message after both dates have been indicated. Have logic checks in place, in case of:

- If the return date is before the depart date have it say, "It appears your dates are inverted. Please correct."
 - If the return date is more than 1 month from the departing date, have it say, "You have a 30+ day duration. Please make sure your dates are correct."
 - If the depart date is equal to the return date have it say, "It appears you are coming back on the same day as your departure. Please make sure this is correct."
 - If the travel duration is greater then 1 year have it say, "It appears your travel duration is greater then 1 year. Please make sure this is correct."
8. Figure out a solution that adds the values of 'one', 'two' to the beginning of the array below - using only the spread operator.

```
const array = ['three', 'four', 'five'];
```

9. What is wrong with this code? Fix any error you think is wrong.

```
int k = 0;
const 8ball = "grilled cheese";

if ( const i = 1: i <> j:{i++}) {
{
    document.getElementById("I"d like to have tomatoes with my &{8ball} and a slice of avacodo on the side, please.);
}
```

10. Create 5 paragraphs and 5 div elements in a page.

- Dynamically create 3 paragraph elements with a timestamp showing in each of their content.
- When the DOM is ready, make every other paragraph have a pink background using embedded javascript.