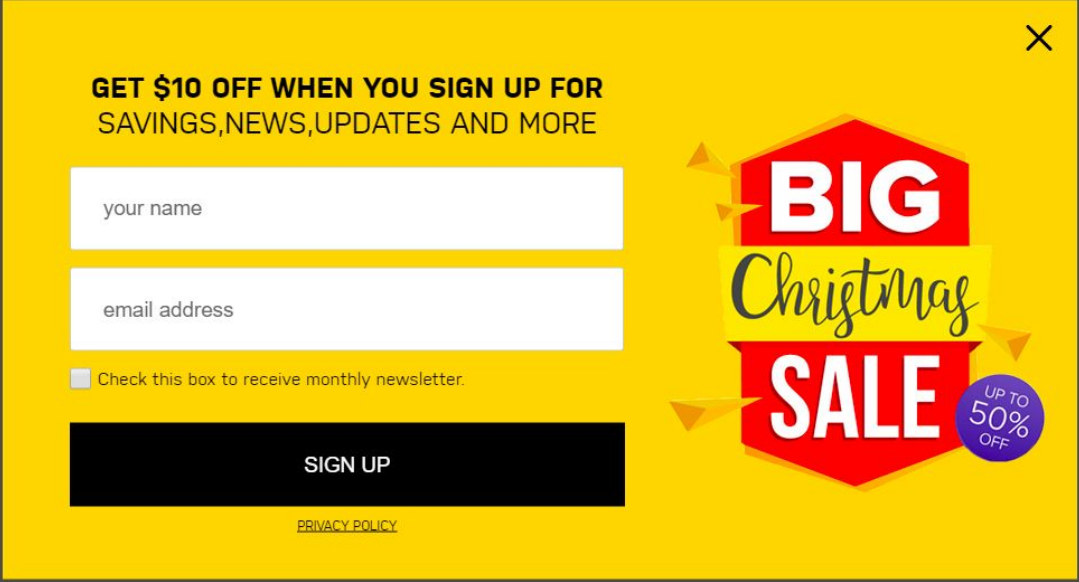


As a next step to your application, we'd like you to work on the following two tasks:

Q1. For Desktop, create an exit intent popup with the following design. Below is the functionality we are expecting:



The image shows a yellow exit intent popup with a dark grey border. In the top right corner is a close button (X). The main text reads: "GET \$10 OFF WHEN YOU SIGN UP FOR SAVINGS,NEWS,UPDATES AND MORE". Below this are two input fields: "your name" and "email address". Under the email field is a checkbox with the text "Check this box to receive monthly newsletter." Below the checkbox is a black "SIGN UP" button. At the bottom center is a link for "PRIVACY POLICY". On the right side of the popup is a large red and white "BIG Christmas SALE" graphic. The word "BIG" is in a red box, "Christmas" is in a script font, and "SALE" is in a red box. A purple circular badge next to it says "UP TO 50% OFF".

On submitting this form:

- Show error if Email or checkbox value is blank.
- Successful submission: create cookie & auto close the popup.
- On Closing the popup(whether the form is filled or not) a cookie will be created.
- On refresh: if any of the above-created cookies(i.e. successful submission or close) are present, then exit intent popup should not appear.

Q2. Make a mobile version of the as shown below. The scope will be different here, instead of exit intent the popup should auto appear after 5 seconds.

GET \$10 OFF WHEN YOU SIGN UP FOR SAVINGS,NEWS,UPDATES AND MORE

your name

email address

☐ Check this box to receive monthly newsletter.

SIGN UP

[PRIVACY POLICY](#)

^

**Please note:** There needs to be created using the developer console of the browser on vwo.com using jQuery, JavaScript and CSS commands.

# Theoretical Questionnaire — [Javascript]

Q1. What is the difference between Cookie / Local Storage / Session Storage?

Q2. What is the significance of, and reason for, wrapping the entire content of a JavaScript source file in a function block?

Q3. What will the code below output? Explain your answer.

```
console.log(0.1 + 0.2);
```

```
console.log(0.1 + 0.2 == 0.3);
```

Q4. Write a sum method which will work properly when invoked using either syntax below.

```
console.log(sum(2,3)); // Outputs 5
```

```
console.log(sum(2)(3)); // Outputs 5
```

Q5. What is the output of the following code?

```
var length = 10;
```

```
function fn() {
```

```
console.log(this.length);
```

```
}
```

```
var obj = {
```

```
length: 5,
```

```
method: function(fn) {
```

```
fn();
```

```
arguments[0]();
```

```
}
```

```
};
```

```
obj.method(fn, 1);
```