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First name

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Eg. example@email.com

PHONE NUMBER

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MESSAGE *

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WEB FORMS

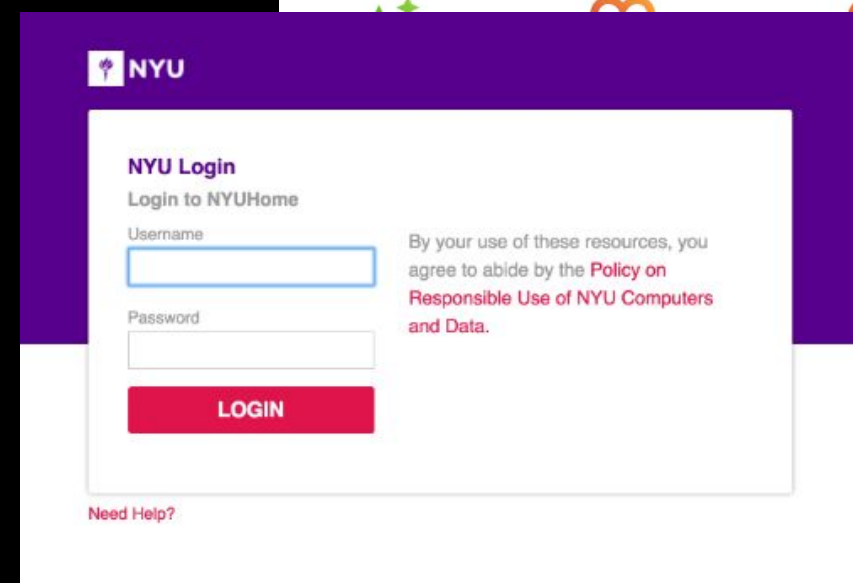
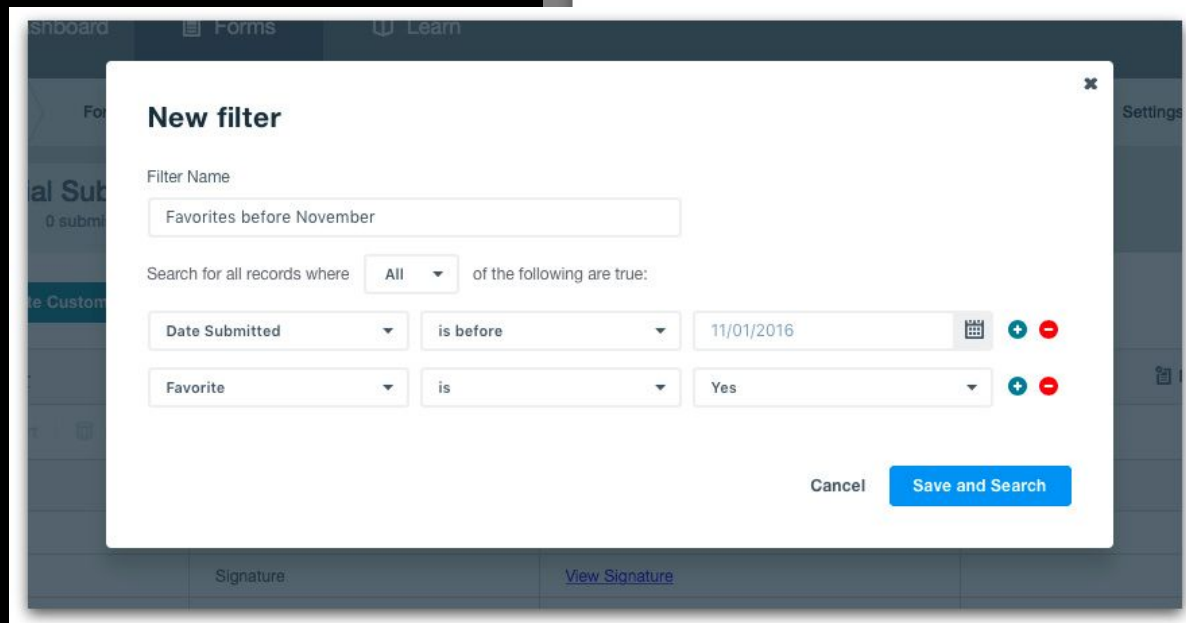
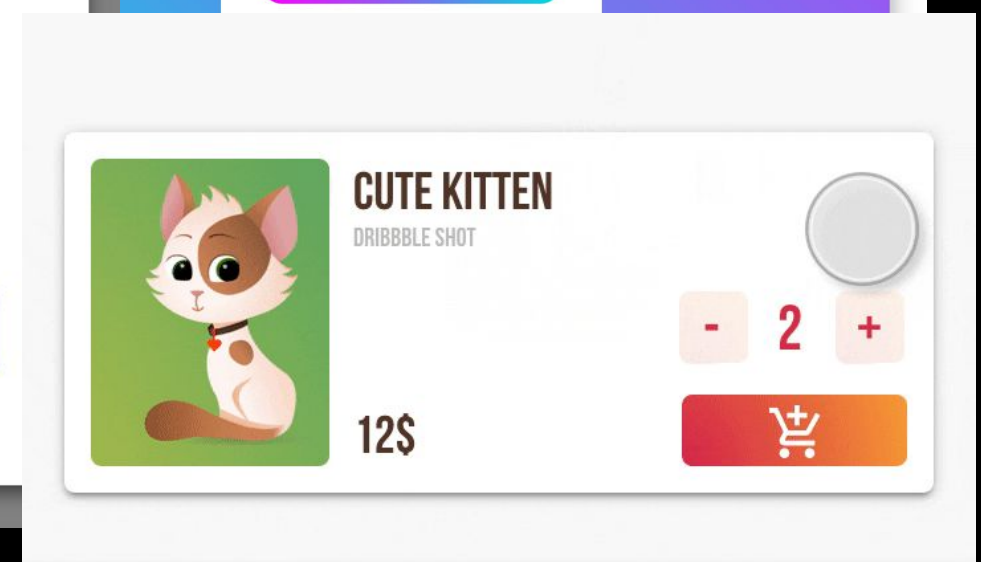
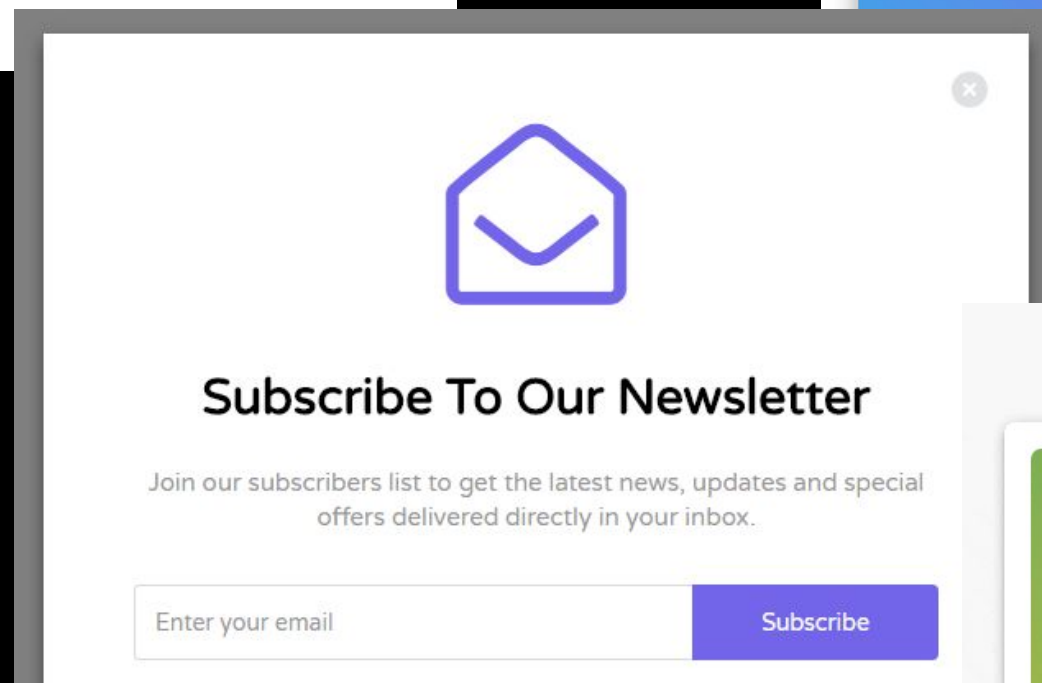
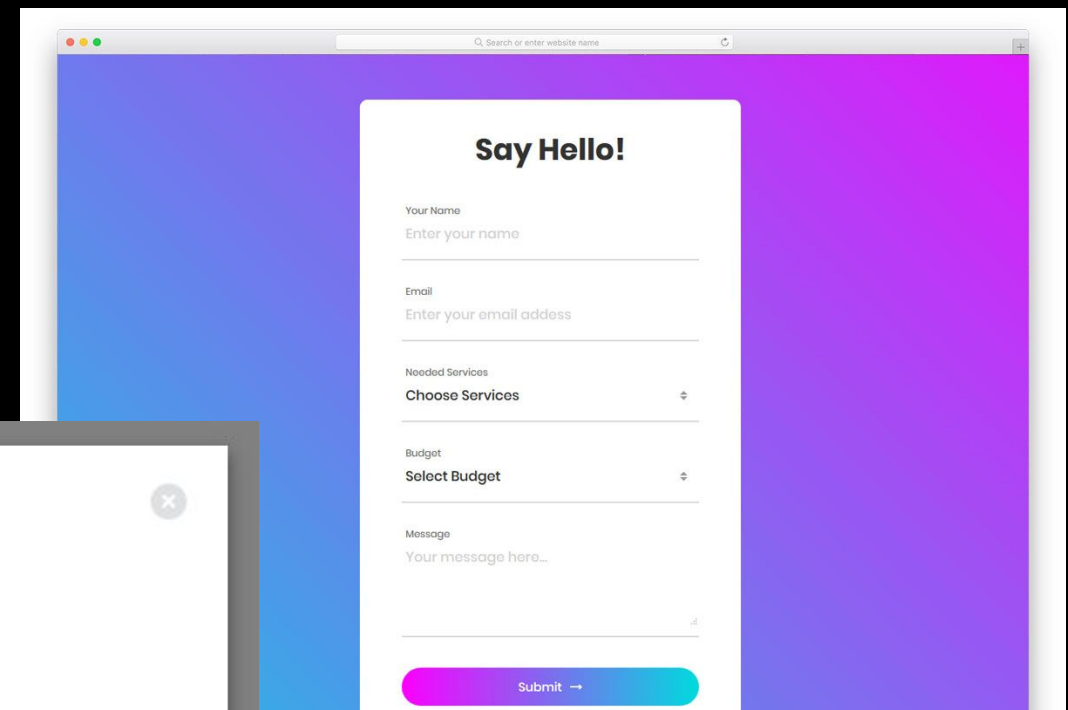
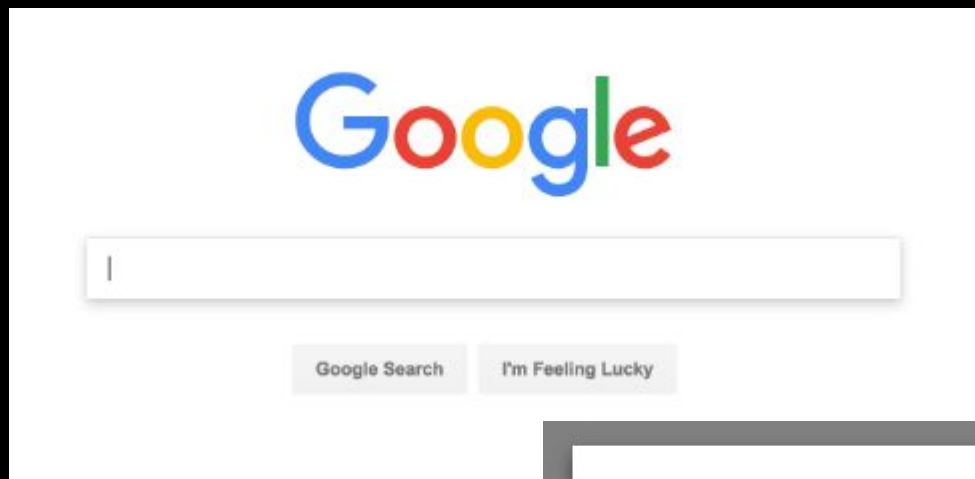
FORMS

WEB PAGES ARE GOOD NOT JUST FOR PROVIDING INFORMATION TO, BUT ALSO GATHERING INFORMATION FROM THEM.

THE HTML `<form>` ELEMENT IS USED TO DEFINE A FORM FOR GETTING USER INPUT.

A VARIETY OF FORM ELEMENTS ARE USED TO PROVIDE AN INTERFACE FOR THE INPUT.

THESE FORM ELEMENTS INCLUDE TEXT FIELDS, CHECKBOXES, DROP-DOWN MENUS, AND BUTTONS.



WEB FORMS

HTML FORM

```
<form action="my-script.php">
```

First name:

```
<input type="text" name="firstname">
```

Last name:

```
<input type="text" name="lastname">
```

```
<input type="submit" value="Submit">
```

```
</form>
```

FORMS ALWAYS BEGIN WITH THE `<form>` ELEMENT.

THE `action` ATTRIBUTE SPECIFIES HOW THE FORM WILL BE PROCESSED.

THE `<input>` ELEMENT IS USED FOR VARIOUS KINDS OF USER INPUTS.

THE `<input>` ELEMENT'S `type` ATTRIBUTE DETERMINES WHAT KIND OF INPUT IS RECEIVED FROM USERS.

WEB FORMS

FORM VALIDATION

BEFORE FORM DATA GETS SENT, IT'S IMPORTANT TO VALIDATE THE INPUT.

- YOU MAY WANT TO MAKE CERTAIN FORM FIELDS REQUIRED.**
- YOU PROBABLY WANT TO MAKE SURE THAT CERTAIN FIELDS ARE COMPLETED PROPERLY.**
- YOU SHOULD ALSO VERIFY THAT MALICIOUS CODE IS NOT SENT ALONG WITH FORM INPUT.**

FORM VALIDATION CAN BE DONE CLIENT-SIDE, SERVER-SIDE, OR BOTH.

WEB FORMS

FORM PROCESSING

NORMALLY, FORMS ARE SENT TO THE SERVER TO BE PROCESSED.

THIS REQUIRES A SERVER-SIDE APPLICATION WRITTEN IN A BACK-END LANGUAGE.

```
<form action="my-script.php">
```

SINCE SERVER-SIDE CODING IS BEYOND THE SCOPE OF THIS CLASS, WE WILL USE A FREE SERVICE THAT RECEIVES FORM DATA AND SENDS IT TO YOU VIA EMAIL.

PLEASE CREATE A NEW, FREE ACCOUNT AT

`https://kwes.io`

WHILE THE INSTRUCTIONS AFTER ACCOUNT CREATION ARE STRAIGHT FORWARD, WE WILL GO OVER LINKING UP OUR FORM AND THE PROCESSING SERVICE ON WEDNESDAY!

WEB ACCESSIBILITY



WEB ACCESSIBILITY

ABOUT DESIGN AND ACCESSIBILITY

THOUGHTFULNESS - AUDIENCE CONSIDERATIONS

FORM

- **COLOR**
 - HUE, VALUE, INTENSITY
- **IMAGE**
 - PHOTOGRAPHY/ILLUSTRATION
 - LINE AND SHAPE
 - TEXTURE
- **TYPOGRAPHY**
 - FONT AND SIZE
 - GRAMMAR
 - LINE AND LETTER SPACING
 - ALIGNMENT
- **COMPOSITION**
 - STRUCTURE
 - PROPORTION
 - BALANCE
 - VARIATION

WEB ACCESSIBILITY

CONTEXT

DEVICE

WEB BROWSER

AGE OF VISITOR

LITERACY

GEOGRAPHIC LOCATION

LANGUAGE(S)

ABILITY

WEB ACCESSIBILITY

CATEGORIES OF DISABILITY

VISION IMPAIRMENT

MOBILITY IMPAIRMENT

AUDITORY IMPAIRMENT

COGNITIVE IMPAIRMENT

IF YOU ARE WRITING SEMANTIC HTML, THEN YOU ARE
ALREADY DOING YOUR PART.

WEB ACCESSIBILITY

INCLUSIVENESS!!!!!!

"When we talk about accessible code, what we are really talking about at its core is inclusiveness. The actual process . . . involves rules and standards, tests and tools; but inclusive development is more abstract than that. It's a shift in thinking . . . Inclusive development means making something valuable, not just accessible, to as many people as we can." — [Carie Fisher](#)