

- 1) Some of the disadvantages to using PHP are that it is not very modular which makes it difficult to build large web applications using PHP. It also has very poor error handling which makes bugs and mistakes in code difficult to keep track of and correct.
- 2) False,True,False
- 3) I've worked in PSR & Laravel. I prefer working in PSR because I have more experience working in PSR.
- 4) Garbage collection is always turned on in PHP unless specified otherwise it will free up memory when necessary. By using unset() function you destroy a variable from the symbol table and it's marked for garbage collection in PHP.
- 5)

```
<?php
$email = "thomasfillermail@gmail.com";
//Email could recieve from form or set variable

if(filter_var($email, FILTER_VALIDATE_EMAIL)){
    //Checks $email for the valid email filter.
    echo "Email is valid";
    //Print out if email is valid or not.
}else{
    echo "Email is not valid";
}
-?>
```

thomasfillermail@gmail.com is valid

- 6) Class following, class followers, class recommended, class profile, class tweet
I think these classes would be important because they would be reusable components. A profile can be following many other profiles and that information would need to be reused multiple times. A user can also post many tweets these tweets will need the same format as each other but might need the text stored in a database of some kind. Recommended could be an algorithm that uses ajax or a framework that enables live updating. These components of twitter would be highly reusable so would make sense for these components use classes.
- 7) I would build classes users, follow, tweet. These classes allow for code to be reused. A user class will need many of the same variables for every new user. A user would have a profile picture a username, password and bio.
Follow would also make a good class because who every user is following is usually public.
Tweets all have the same format so having a tweet and formatting text and displaying it to relevant followers would be useful class.
- 8) [See the HTML file](#)
- 9) It performs a query, It selects any div that has an id 'first' and any divs which have class first and the elements which have name attribute first.
- 10) jQuery is easier to use it simplifies html document traversing and plugs into your HTML code very easily due to its built in UI and effect libraries. JQuery makes pages load faster and can be used to make real time updates with ajax. Ease of use, HTML event handling & document traversing as well as animation in the form of Ajax.