# Post your Account Names to the Blackboard Discussion Board

# **Programming Memes**





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How to re-attach a detached head

Google Search

I'm Feeling Lucky





How to re-attach a detached head Git

Google Search

I'm Feeling Lucky

# **Interview Questions**

# **Analog Clock**

You have an analog clock.

In a twelve hour period how many times does the minute hand pass the hour hand?



# **Analog Clock**

**Solution: 10** 

The minute hand does not pass the hour hand during the first and the 11th hour.

1:05 - 2:10 - 3:16 - 4:21 - 5:27 - 6:32 - 7:38 - 8:43 - 9:49 - 10:54

### **Block of Cheese**

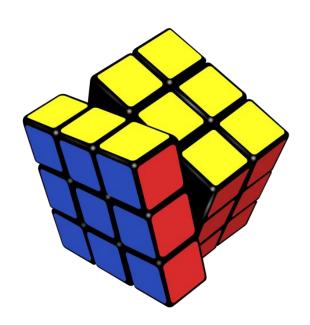
You're given a cube of cheese and a knife.

How many cuts do you need to make in order to divide the cheese up into 27 cubes?

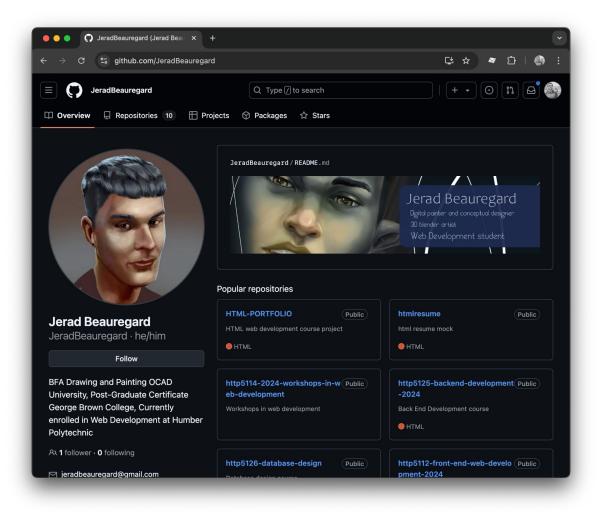


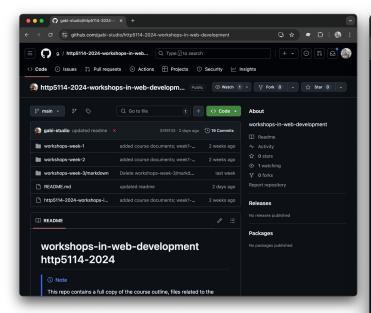
# **Block of Cheese**

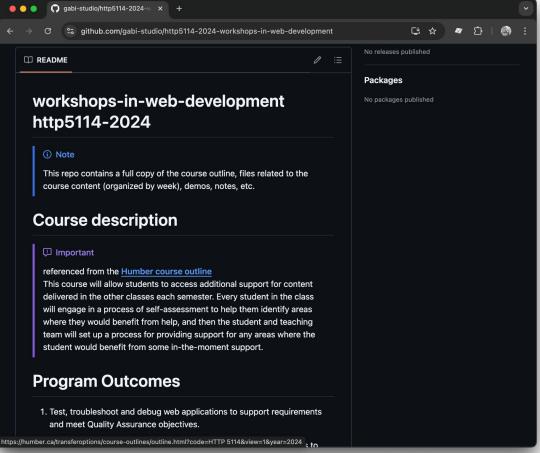
Solution: 6

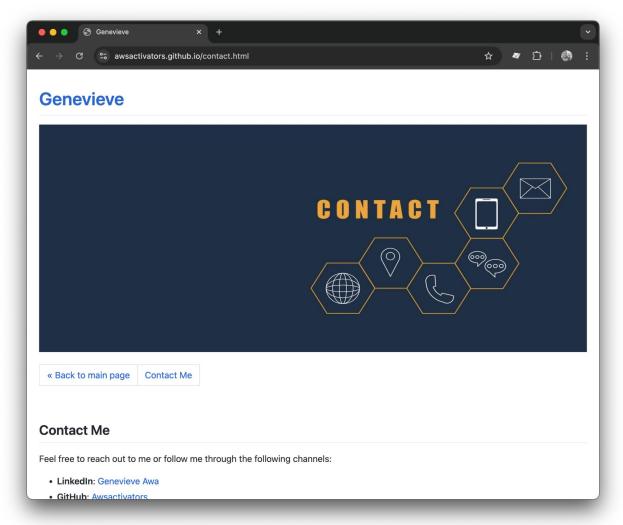


# **Well Done**



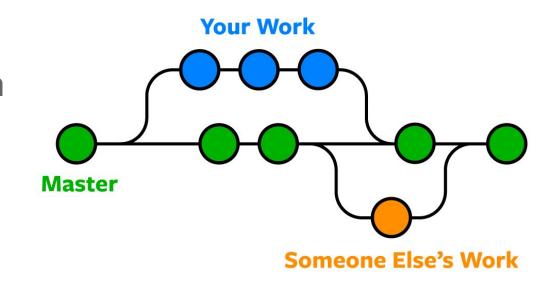






# 1. Branching

Git branches are effectively a pointer to a snapshot of your changes.





# **GitHub: Cloning**

Clone the shared repo:

```
$ git clone
https://github.com/codeadamca/github-demo-branching.git
```

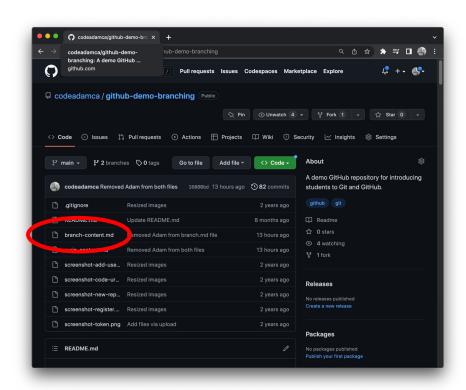
```
$ cd github-demo-branching
```



Let's make a change using a branch.

We're going to add our name to the branch-content.md file.





#### Create a new branch

\$ git branch adam-change

#### View your new branch

\$ git branch

#### Checkout your new branch

\$ git checkout adam-change



#### Add and commit your changes

```
$ git add .
$ git commit -am "Added Adam to the list"
```

#### Push your changes to GitHub

\$ git push origin adam-change



#### Return to main branch

\$ git checkout main

#### Merge your changes

\$ git merge adam-change

#### Delete branch

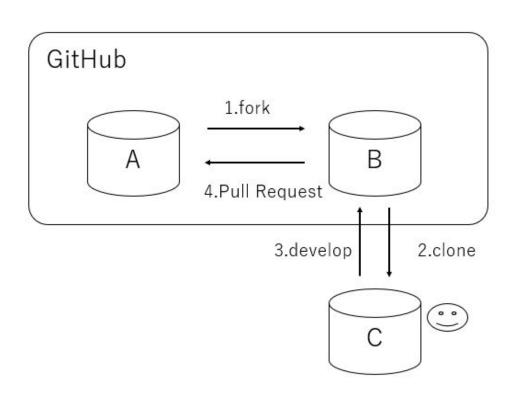
\$ git branch adam-change -d



# 2. Forking

## **GitHub: Forking**

A fork in Git is simply a copy of an existing repository.





## **GitHub: Forking**

Let's Fork a repository. Make a change. And then submit a Pull Request.



