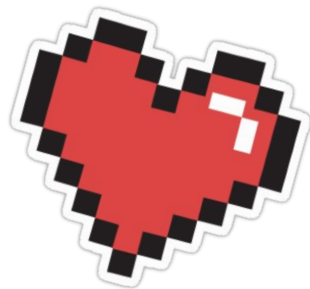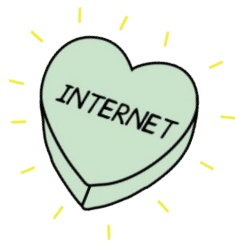# First Code Academy MashIT

by Sandy Chan :)

What is this project?

Well since you're here, you should know this is an app making project

The goal of this project is programme and design an app of your own by referencing to an app given by our teacher. After understanding how the app should function, we will then programme it ourselves and add new functions to it as we do.

IDEAS FOR THIS APP

- This app was originally called molemash
- Same concept with how my app is right now
- Changed the graphics and added some more functions to it

I wanted to create a pixelated (RPG) looking app because it brings back memories of how games were before and how fun it still can be nowadays. With technology improving in such a rapid pace, the graphics for games are so real it feels like you can touch it, but sometimes we should all just sit down and enjoy a mini RPG game. :)

Concept and how to play this app

The goal of this game is to try getting as many hits on the 'normal heart' as much as possible. Each time you hit the 'normal heart' you get a point in the 'hits count value'; and of course you get a point in the 'miss count value' when you accidentally hit the 'broken heart'. If you touch anywhere in the canvas that aren't any of the hearts, the game will stop and a 'game over' text will then pop out. The game then restarts when you click the 'reset' button.

Improvements to be made

- setup different background for players to change to
- level up difficulties (obstacles...)
- upgrades for hearts
- better music/soundtrack/sound effects

Everyone knows that nothing can be perfect at first, through feedbacks, responses and experience, is what leads us to improvements. Up till now, I've had got some feedbacks from my parents and friends for me to programme a better game. :)

CHALLENGING PARTS OF PROGRAMMING

- bugs
- careless errors
- confusing concepts
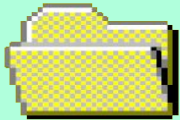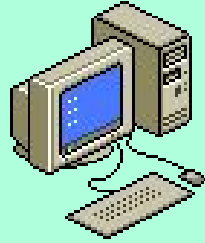- figuring out what's happening in general

Good concentration is very needed for programming, careless errors and annoying bugs are what makes your app not function properly. Sometimes I just get so confused that I don't even know what I am programming anymore. So it's always good to not get distracted when programming.

Best parts of programming

The joy of finally finishing the app without any bugs and errors. Even though it may be difficult and complicated, thinking about how cool and awesome it will be after finishing the app just pushes you forward. The feeling of accomplishment just makes me love programming and coding more and more. It's always fascinating to learn new techniques and programs for you app. Programming itself is already the best part of programming. :)

Thoughts

I've only been learning for a few months in First Code Academy and I'm really enjoying the experience here. I will continue to learn more coding/programming here and I hope to make more apps for entertainment or to help people in the near future.

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