Dash - bite branch

Summary: Understanding branch and merge of VCS

Chapter 3

Exercise 00 : Dumb and Dumber

![]	Exercise 00
	Dumb and Dumber
Turn-in directory : ex00/	
Files to turn in : ex00.h, ex00.c, Need all files	
Allowed functions : Anything you want	

Tom has two ASCII strings with pictures of dog and cat.

He was in charge of printing each of the two paintings on file, and Jerry said he would take charge of printing cat to help busy Tom.

However, neither of them knew how to manage the files and made the mistake of printing them on the same file, creating output, not cats or dogs.

If you can help, let's modify the code properly so that each picture is normally printed as a different file.

Dogs should be printed on the "dog_branch" file and cats on the "cat_branch" file.

The ex00.c and ex00.h file provided shall not be modified.
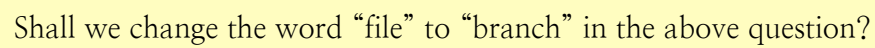
- Output from the "master" file

- Expected output from "dog_branch" file

- Expected output from "cat_branch" file

Shall we change the word "file" to "branch" in the above question?

Chapter 4

Exercise 01 : Tomorrow's menu

	Exercise 01
Tomorrow's menu	
Turn-in directory : ex01/	
Files to turn in : main.c, Anything you need	
Allowed functions : Anything you want	

You are the chef of a fancy restaurant.

This restaurant has two deputy chefs.

This restaurant is characterized by selling only one course meal.

Every day after the end of business, the deputy chefs select a course menu for sale the next day and report it to the chef.

The chef looks at the recommendations of the vice chefs and selects the course menu for the next day.

The menu will be selected based on the following criteria:

- If the recommendations of the deputy chefs are the same, select the menu.

- If the recommendations of the deputy chefs are different and one of them is the same as the menu sold today, we will select a new menu.

- If the recommendations of the vice chefs are different and both are different from the menu sold today, the chef decides the menu himself.

The following files are given by default:

```
drwxr-xr-x   6  ulee  staff   192  8 24 15:15  .
drwxr-xr-x+ 28 ulee  staff   896  8 24 15:48  ..
-rw-r--r--   1  ulee  staff   211  8 24 15:14  Makefile
drwxr-xr-x   4  ulee  staff   128  8 24 15:11  lib
-rw-r--r--   1  ulee  staff  1919  8 24 15:12  main.c
drwxr-xr-x   5  ulee  staff   160  8 24 15:08  test_files
```

lib : Directory containing library files.

test_files: Directory containing test files.

main.c: You have to write your code in this file.

When running Makefile, the following test files are given as factors:

- First_menu (deputy chef A's recommended menu)

  Appetizer: Grilled clam temples

  Main: Pyeongyang cold noodle

  Dessert: Sherbet

- Second_menu (deputy chef B's recommended menu)

  Appetizer: Grilled clam temples

  Main: Steak

  Dessert: Melon

- Today_menu (Today's menu)

  Appetizer: Grilled clam temples

  Main: Steak

  Dessert: Baguette

The program you wrote should have a file called "out_file" and the contents of the file should be as follows:

- Out_file (Tomorrows' menu)

  Appetizer: Grilled clam temples

  Main: Pyeongyang cold noodle

  Dessert: Your choice!!

Merge has strategies called "fast-forward" and "three-way merge". Let's take a time to find out each strategy and think of a strategy that fits the above escape.

[Git - Branch and Merge](#)