A computer monitor with text on it

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Assignment 1

CS251



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**Languages:**

Loai → Java

Abdullah → Java

Hossam → Java

**Learning:**

|  |  |  |
| --- | --- | --- |
| Name | Duration | Sources |
| Loai | 8 Hours | <https://youtube.com/playlist?list=PLJhTWoCm8I6DXaq7XECfyGKtsq4Z6fWZr&si=w_PmOmUhKEH6EyCl>  <https://youtu.be/drQK8ciCAjY?si=cmx5cv4of_BQn4k5> |
| Abdullah |  |  |
| Hossam |  |  |

**Food Alternative (App 1 Loai):**

Main Function:

Scanner scanner = new Scanner(System.in);

// Load food from JSON

String jsonPath = "food/foodDictionary.json";

List<FoodItem> foodList = GsonTool.loadFood(jsonPath);

while (true){

            printBanner();

            int menu = optionsMenu(scanner);

            switch(menu)

            {

                // Alternative Food

                case 1:

                    foodMenu(scanner, foodList);

                    int ans = continueApp(scanner);

                    if (ans == 0){

                        scanner.close();

                        System.exit(0);

                    }

                    break;

                //Add new Food

                case 2:

                    addFood(scanner, foodList, jsonPath);

                    int ans2 = continueApp(scanner);

                    if (ans2 == 0){

                        scanner.close();

                        System.exit(0);

                    }

                    break;

                // Delete Food

                case 3:

                    deleteFood(scanner, foodList, jsonPath);

                    int ans3 = continueApp(scanner);

                    if (ans3 == 0){

                        scanner.close();

                        System.exit(0);

                    }

                    break;

                case 4:

                    prinInfoBanner();

                    int ans4 = continueApp(scanner);

                    if (ans4 == 0){

                        scanner.close();

                        System.exit(0);

                    }

                    break;

                case 5:

                    System.out.println("\nGoodbye!!");

                    scanner.close();

                    System.exit(0);

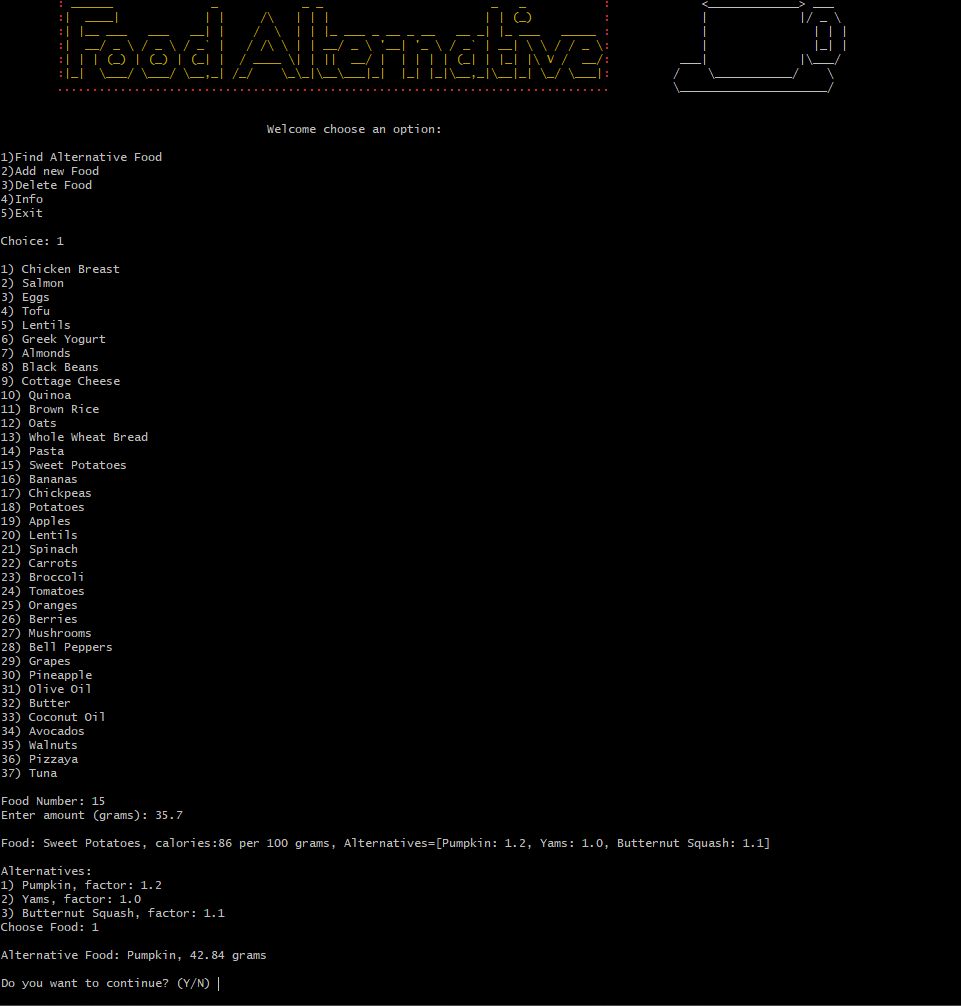
                    break;

            }

        }

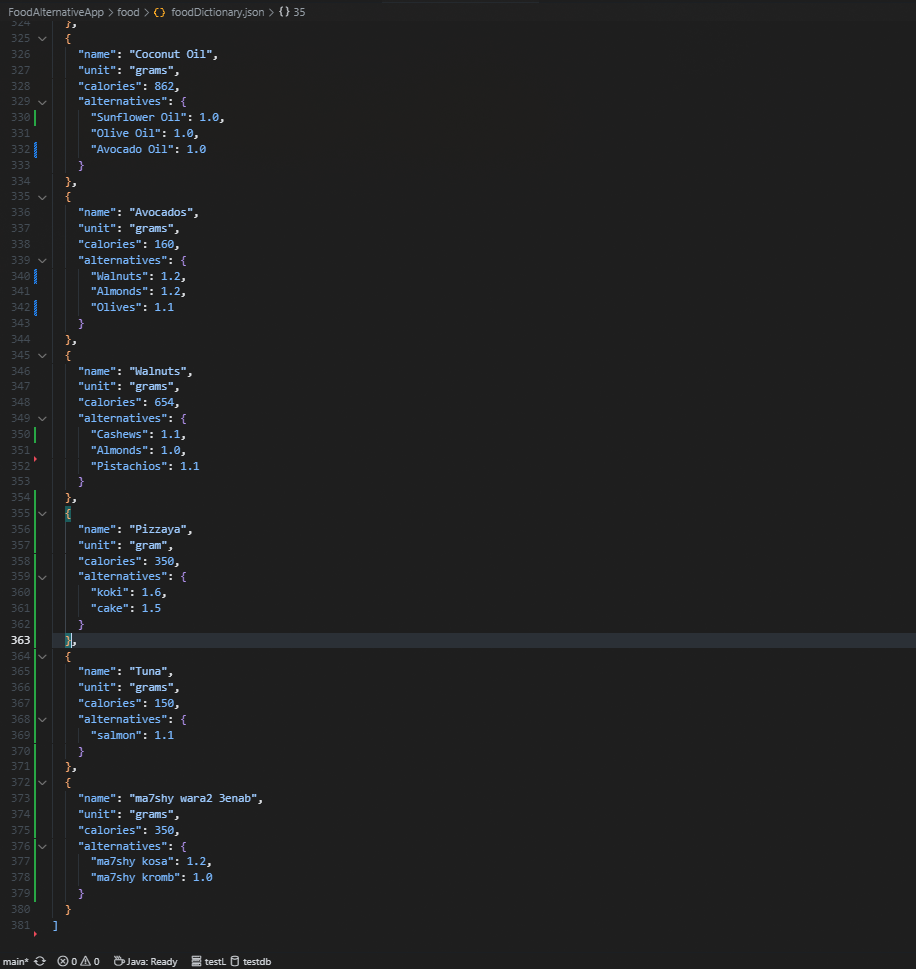
    }

Screenshots:

A screenshot of a computer

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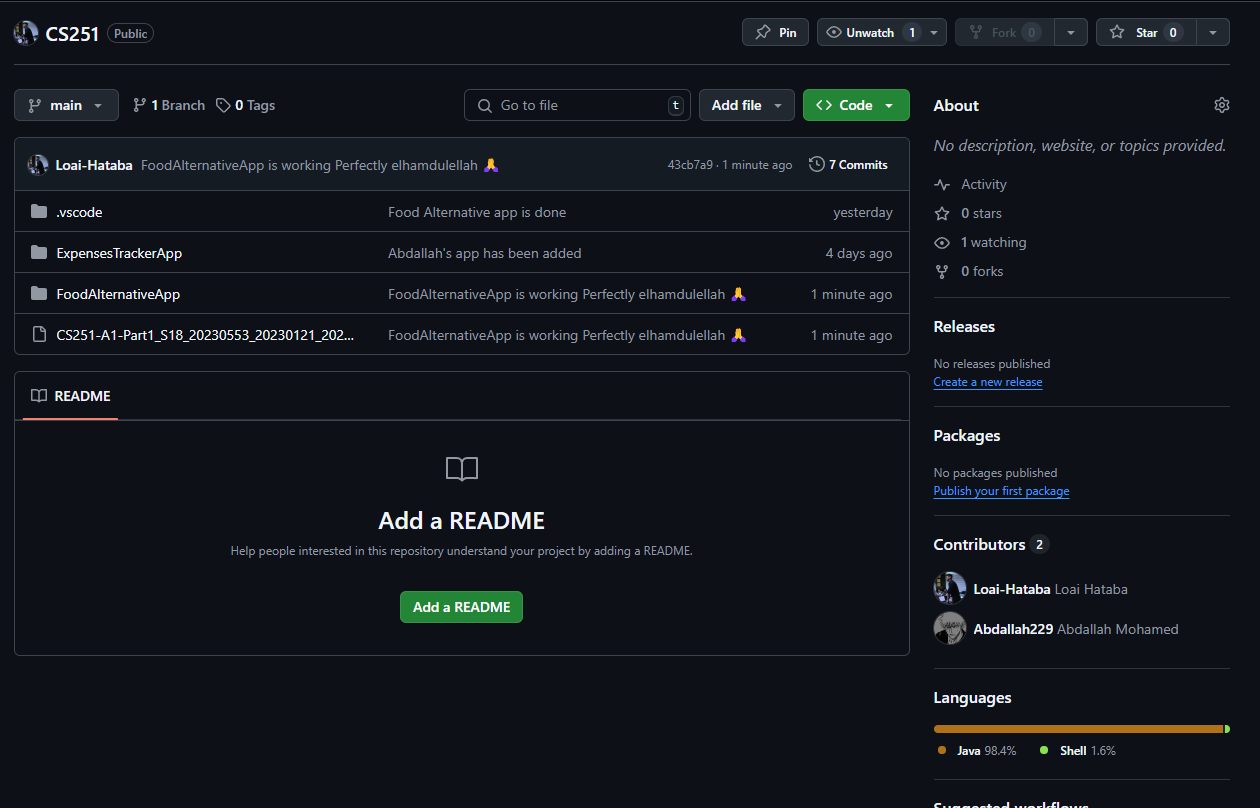






A screenshot of a computer

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Video Link:

Link 😉

**Budget Tracker (App 2 Abdullah):**

Main Function:

Screenshots:

Video Link:

Link 😉

**Parking System (App 3 Hossam):**

Main Function:

Screenshots:

Video Link:

Link 😉