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CIS18A

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### Project Part 1

I will create a program for a crepe stand called, Crepe Delights. This business allows people to create their own crepes and their total would be calculated. The crepes would have an initial fee and the amount would add on depending on how much each ingredient is. The end of the program would give the customer the total and the review of their order.

The purpose of this program is to make things faster for the employees and the customers. Employees would have what they need to make the order very easily, avoiding errors. The customers would also lead to have little to no wait time if they ordered through the program. It also gives the customer more a visual when ordering their meal.

The business function is that it would stimulate the way the stand runs. It would be faster from both recipients, attaining more customers and income. There would also be less mistakes when making the crepes since the order indicates each ingredient, lessening the waste of food in the restaurant. The efficiency of the program will overall create more business for the stand.

The technical function is similar to a calculator with a menu incorporated, almost like a cash register. The program would list all the ingredients the stand has to offer, and the customer would type in each ingredient they want. The ingredients would be a variable having the value of

what it cost. Each item the customer adds would then add up to the total at the end, including the starting rate of each crepe. The customer has a limit to one crepe per run of the program.

Unfortunately, I had some trouble with actually writing a functioning program that a lot of the ideas I wanted to include did not occur. The descriptions indicates what I initially wanted rather than what I have produce. I apologize for the inconvenience.

Pseudo-code:

```
import java.util.Scanner; //add scanner
class Intro {
//Introduce the Resturant
    public static void main (String[] args) {
        System.out.println("Welcome to Crepes Delight: Customize your own Crepe");
        System.out.println("Starting price: $5.95");
//list of items
        System.out.println("Bananas, Strawberries, Berries, Chocolate, Nuts, Caramel");
        System.out.println("Jelly, Peanut Butter, Whip Cream, Ice Cream, Chocolate");
//items as variables
        double Bananas = 0.95;
        double Strawberries = 0.95;
        double Berries = 0.95;
        double Chocolate = 0.35;
        double nuts = 0.50;
        double Caramel = 0.35;
        double Jelly = 0.40;
        double PeanutButter = 0.40;
        double WhipCream = 0.50;
        double IceCream = 1.50;
//reading what is inputed
        Scanner sc = new Scanner (System.in);
        System.out.println("Enter first ingredient");
        String food1 = sc.nextLine();
        System.out.println("Enter second ingredient");
        String food2 = sc.nextLine();
        System.out.println("Enter third ingredient");
        String food3 = sc.nextLine();
        String total = food1 + "," + food2 + "," + food3;
//replay back to the user
        System.out.println("Crepe with: " + total);

    }
}
```