

# TacoManagerFE.java

```

1 /*
2  * Written by JJ Shepherd
3  */
4 import java.util.Scanner;
5 public class TacoManagerFE {
6
7     private static Scanner keyboard = new Scanner(System.in);
8     private static TacoManager tacoManager = new TacoManager();
9     public static void main(String[] args)
10    {
11        printGreeting();
12        boolean quit = false;
13        while(!quit)
14        {
15            printChoices();
16            int choice = keyboard.nextInt();
17            keyboard.nextLine();
18            switch(choice)
19            {
20                case 1:
21                    addTaco();
22                    break;
23                case 2:
24                    removeTaco();
25                    break;
26                case 3:
27                    readTacoFile();
28                    break;
29                case 4:
30                    writeTacoFile();
31                    break;
32                case 9:
33                    quit = true;
34                    break;
35                default:
36                    System.out.println("Invalid Input");
37            }
38            tacoManager.printTacos();
39        }
40    }
41
42    public static void printGreeting()
43    {
44        System.out.println("Welcome to the Taco Manager");
45    }
46    public static void printChoices()
47    {
48        System.out.println("Enter 1 to add a taco\n"
49            + "Enter 2 to remove a taco\n"
50            + "Enter 3 to read a taco database file\n"
51            + "Enter 4 to write to a taco database file\n"
52            + "Enter 9 to quit");
53    }
54    public static void addTaco()
55    {
56        System.out.println("Enter the name of the taco");
57        String name = keyboard.nextLine();

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58     System.out.println("Enter the location of the taco");
59     String location = keyboard.nextLine();
60     System.out.println("Enter the price of the taco");
61     double price = keyboard.nextDouble();
62     keyboard.nextLine();
63     tacoManager.addTaco(new Taco(name,location,price));
64 }
65 public static void removeTaco()
66 {
67     System.out.println("Enter the name of the taco to remove");
68     String name = keyboard.nextLine();
69     tacoManager.removeTaco(name);
70 }
71 public static void readTacoFile()
72 {
73     System.out.println("Enter the file name to read a TacoDB");
74     String fileName = keyboard.nextLine();
75     tacoManager.readTacoFile(fileName);
76 }
77 public static void writeTacoFile()
78 {
79     System.out.println("Enter the file name to write a TacoDB File");
80     String fileName = keyboard.nextLine();
81     tacoManager.writeTacoFile(fileName);
82 }
83 }
84
```