

Q. Make a Food Menu system with the following items:

1. Americano - 110

6. Muffin - 65

2. Double Shot Americano - 130

7. Red Velvet Pop - 75

3. Latte - 150

8. Fruit Cake - 100

4. Cappuccino - 150

9. Pastry - 95

5. Matcha - 165

10. Lemon Slice Cake - 110

```
#include <stdio.h>
```

```
int main() {
```

```
    int choice, more;
```

```
    float price = 0;
```

```
    do {
```

```
        float quantity = 0;
```

```
        printf("\t\t\tFood Menu!\n");
```

```
        printf("[1]Americano - 110          [6]Muffin - 65\n");
```

```
        printf("[2]Double Shot Americano - 130  [7]Red Velvet Pop - 75\n");
```

```
        printf("[3]Latte - 150                [8]Fruit Cake - 100\n");
```

```
        printf("[4]Cappuccino - 150          [9]Pastry - 95\n");
```

```
        printf("[5]Matcha - 165                [10]Lemon Slice Cake - 110\n");
```

```
        printf("Enter your choice: ");
```

```
        scanf("%d", &choice);
```

```
        printf("Enter quantity: ");
```

```
        scanf("%f", &quantity);
```

```
        switch (choice) {
```

case 1:

```
price += 110 * quantity;  
break;
```

case 2:

```
price += 130 * quantity;  
break;
```

case 3:

```
price += 150 * quantity;  
break;
```

case 4:

```
price += 150 * quantity;  
break;
```

case 5:

```
price += 165 * quantity;  
break;
```

case 6:

```
price += 65 * quantity;  
break;
```

case 7:

```
price += 75 * quantity;  
break;
```

case 8:

```
price += 100 * quantity;  
break;
```

case 9:

```
price += 95 * quantity;  
break;
```

case 10:

```
price += 110 * quantity;  
break;
```

```
        default:
            printf("Invalid input...\n");
            break;
    }

    printf("Would you like anything else?\n");
    printf("[1]Yes [2]No\n");
    scanf("%d", &more);

} while(more == 1);

float vat = 0.1;
float service = 0.13;
float total = price + (price * vat) + (price * service);

printf("Your total is %.2f\n", total);

return 0;
}
```