|  |
| --- |
| items = [] |
|  |  |
|  |  |
|  | def addItem(price,name): |
|  | items.append([name,price]) |
|  |  |
|  | def displayMenu(): |
|  | global items |
|  | print("Here's the menu for today:\n") |
|  | print("ITEM\_CODE\tITEM\_NAME\tITEM\_PRICE") |
|  | for n in range(0,len(items)): |
|  | print(str(n+1)+".\t\t\t"+str(items[n][0])+"\t\tRs."+str(items[n][1])) |
|  |  |
|  | def calculatePrice(code): |
|  | #TODO: Add flags for items that are not present in the menu (like 0067) |
|  | global items |
|  | ordered\_items=[] |
|  | for item in code: |
|  | ordered\_items.append(int(item)) |
|  |  |
|  | sum=0 |
|  | for item in ordered\_items: |
|  | sum+=items[item-1][1] |
|  |  |
|  | return sum |
|  |  |
|  | def displayOrder(code): |
|  | global items |
|  | print("BREAK DOWN OF YOUR ORDER:\n") |
|  | print("ITEM\_CODE\tITEM\_NAME\tITEM\_PRICE\nQUANTITY\_ORDERED\tTOTAL\_PRICE") |
|  | ordered\_items = [] |
|  | processed\_items = ordered\_items |
|  | for item in code: |
|  | ordered\_items.append(int(item)) |
|  | for i in range(0,len(items)): |
|  |  |
|  | quantity = 0 |
|  | price = 0 |
|  | for j in range(0,len(processed\_items)): |
|  | if(processed\_items[j]==i+1): |
|  | quantity+=1 |
|  | price+=items[i][1] |
|  |  |
|  |  |
|  |  |
|  | if (quantity > 0): |
|  | processed\_items = [y for y in processed\_items if y != i + 1] |
|  | print(str(i + 1) + ".\t" + str(items[i][1]) + "\t" + str(items[i][0]) + "\t" + str( |
|  | quantity) + "\tRs." + str(price)) |
|  |  |
|  |  |
|  | addItem(10,"Samosa") |
|  | addItem(15,"Aloo Tikki") |
|  | addItem(35,"Bun Samosa") |
|  | addItem(30,"Oreo Milkshake") |
|  | addItem(15,"Fresh Lime Soda") |
|  |  |
|  | while(True): |
|  | print("Welcome to our store.\n") |
|  | displayMenu() |
|  | order=input("What would you like to order today? ") |
|  | displayOrder(order) |
|  | print() |
|  | print("Your final bill amount is Rs."+str(calculatePrice(order))) |
|  | print() |
|  | choice=input("Do you want to order again? (Y/N)") |
|  | if(choice=="N" or choice=="n"): |
|  | print() |
|  | print("==========================") |
|  | print("Thank you for shopping with us.") |
|  | break |
|  | print() |
|  | print("==========================") |