

Practice Problem for mid:

Write a class **TARCSDine**. **TARCSDine** is basically a name of a restaurant. In this restaurant, a customer can order only for himself/herself according to his budget and weight.

- Write the required constructor that takes 3 parameters and initialize the instance variables accordingly.
- Write a method details() that prints the details of a customer.
- Write a method addOrder() that takes orders from the customer.

Hint: Few things need to remember

- A customer can't give orders that exceed his/her budget.
- A customer can't give more than 2 orders if his weight is above 80kg.

Driver Code	Output
<pre> # Write your code here customer1 = TARCsDine("Aminul","550tk","80kg") customer2 = TARCsDine("Mukul","800tk","75kg") customer3 = TARCsDine("Shafin","1600tk","112kg")) customer4 = TARCsDine("Alisha","300tk","54kg") print("#####")) print(customer1.details()) print(customer1.addOrder("Pasta Basta","350tk")) print("#####")) print(customer2.details()) print(customer2.addOrder("Oven baked chicken pasta","450tk","The Blueberry pancake","200tk")) print("#####")) print(customer3.details()) print(customer3.addOrder("Bullet Pizza 12inch","1000tk","Chicken Chowmien", "260tk","Ara Ara Beef Ramen", "299tk")) print("#####")) print(customer4.details()) print(customer4.addOrder("Cheese Cake","200tk","Kitkat Shake", "150tk")) </pre>	<pre> ##### Customer Name: Aminul Customer Budget: 550Taka Customer Weight:80Kg Ordered Items: {'Pasta Basta': '350tk'} Order Successful ##### Customer Name: Mukul Customer Budget: 800Taka Customer Weight:75Kg Ordered Items: {'Oven baked chicken pasta': '450tk', 'The Blueberry pancake': '200tk'} Order Successful ##### Customer Name: Shafin Customer Budget: 1600Taka Customer Weight:112Kg Ordered Items: {'Bullet Pizza 12inch': '1000tk', 'Chicken Chowmien': '260tk', 'Ara Ara Beef Ramen': '299tk'} Order Unsuccessful. Sorry, Sir. Your budget seems fine but still, we can't take all your orders. Your weight is too much. You should reduce your order to keep fit. We give more priority to our customers' health rather than our profit. ##### Customer Name: Alisha Customer Budget: 300Taka Customer Weight:54Kg Ordered Items: {'Cheese Cake': '200tk', 'Kitkat Shake': '150tk'} Order Unsuccessful. You crossed your budget. Don't be so greedy. Please, look for another item whose price is low or you can go to a cheaper restaurant 😞. </pre>