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**Lab 3**

**Github Link:** https://github.com/aminrashid/Software-Construction

**Introduction:** In this lab the task was to create a restaurant reservation system which allows the user to basically just get a reservation for the restaurant. The user provides his/her details such as time they want the reservation, number of people, type of table etc.

**Approach:** The approach I took was of having the main details related to the booking of the reservation to be in the ReservationSystem class and so all the input related to reservation and all the details were assigned to their respective variables in this class using the booking function.

**Design:** I have 4 different classes each with their different functionalities. The classes are ReservationSystem, Reservation, Customer and Table. Each class has its own functions that help the user in getting a reservation at the restaurant.

**How to Run and Analysis:** It is very easy to run as you just have to give your details such as name, contact no., time etc. and by doing so you shall get your reservation without facing any difficulty.