

Question 1:

Consider a case of a pizza shop. In the pizza shop they will sell few pizza varieties and they will also provide toppings in the menu. Now imagine a situation wherein if the pizza shop has to provide prices for each combination of pizza and topping. Even if there are four basic pizzas and 8 different toppings, the application would go crazy maintaining all these concrete combination of pizzas and toppings. Develop an ordering system for pizza shop which can take order as well as can print detail bill using design patterns we have learn so far.

Question 2:

Consider a hotel booking website through which anyone can book hotels. Booking website offers some discounts and deals to their regular users who are registered for offers, deals and newsletters. Now develop a mailing system that should be able to send mails with offers and deals to its registered customers.