Please create a class diagram and code to represent a Pizza with the following set of requirements.

1. Every pizza has a name and a description.
2. We need to get the cost and description of constituents of the pizza.
3. There are 4 base pizzas on which toppings can be added later, if needed by the customer. These pizzas, along with their costs, are:
   1. Farmhouse - Rs. 150
   2. Margherita - Rs. 200
   3. Pepperoni - Rs. 180
   4. BBQChicken - Rs. 200
4. There are 4 types of toppings that are supported. A customer may want to add any quantity of them (Eg: They may want to add Olives twice). The toppings, along with their costs, are:
   1. Olive - Rs. 20
   2. Tomato - Rs. 30
   3. Cheese - Rs. 80
   4. Paneer - Rs. 60

Your class diagram, when implemented, should be able to successfully compile and run for following code:

| Pizza p = new Paneer(new Cheese(new Tomato(new BBQChicken()))); System.out.printLn(p.getCost()); // should output 370 System.out.printLn(p.getDescription()); // should output BBChicken + Tomato + Cheese + Paneer |
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Please create your class diagrams on [draw.io](https://app.diagrams.net/), push the code to Github and submit the assignment by filling [this form](https://forms.gle/n9F4AUg8c4QhDbTi8).