

Assume a burger restaurant makes burgers based on customer demands. For each burger, there must be two buns and a regular patty. However, customers can add other optional ingredients like cheese, bbq sauce, salad, and extra patties, which they are allowed to add multiple times.

The prices are:

Bun - 20 Tk

Patty - 80 Tk

Cheese - 30 Tk

Bbq sauce - 20 Tk

Salad - 10 Tk

Users should be allowed to customize their orders by adding optional ingredients multiple times. After the order placement is done, the code should output the detailed order, the base and added ingredients, and the individual prices (in case of a price increase, mention why the pricing increased). You have to perform this using a print function. Also, print the order's total price.