

## The Challenge

You are required to create a system for **PizzaYard Pvt Ltd** to manage their process of selling Pizzas. The application will help us to select types of pizzas, some of the additional items to be added to the pizzas and pricing. We want to create a **base pizza**, but also two other types of pizzas that are popular. The basic pizza should have the following items:

- **bread type**
- **meat**
- **and up to 4 additional additions** (things like lettuce, tomato, carrot, etc.) that the customer can select to be added to the pizza.

Each one of these items gets charged an additional price so you need some way to track how many items got added and to calculate the price (for the base pizza and all the additions).

- This pizza has a **base price** and the **additions are all separately priced**.
- Create a **Pizza** class to deal with all the above.
- The constructor should only include the bread type, meat and price.
- Also create two extra varieties of Pizzas (classes) to cater for
  - **Healthy pizza** (using kurakkan bread), plus two additional items can be added. The healthy pizza can have a total of 6 items (Additions) in total.  
**HINT:** you probably want to process the 2 additional items in this new class, not the base class, since the 2 additions are only appropriate for this new class.
  - **Premium pizza** - comes with chips and drinks as additions, but no extra additions are allowed.  
**HINT:** You have to find a way to automatically add these new additions at the time the premium pizza object is created, and then prevent other additions from being made.

- All 3 classes should have a method named '**viewPrice**' that can be called anytime to show/print the base price of the pizza plus all additional items, each showing the addition name, addition price, and a grand total for the pizza.
- For the two additional classes, this may require you to be looking at the base class for pricing and then add totals to that.

## Instructions

1. Create a Base Pizza, Healthy Pizza and a Premium Pizza. Add additions with your own prices for each additions, base pizza prices and call 'viewPrice' method for each pizza.
2. You may use Java or Typescript to implement the solution.
3. Use **git** properly and share the git repo link with us.