

Task 1

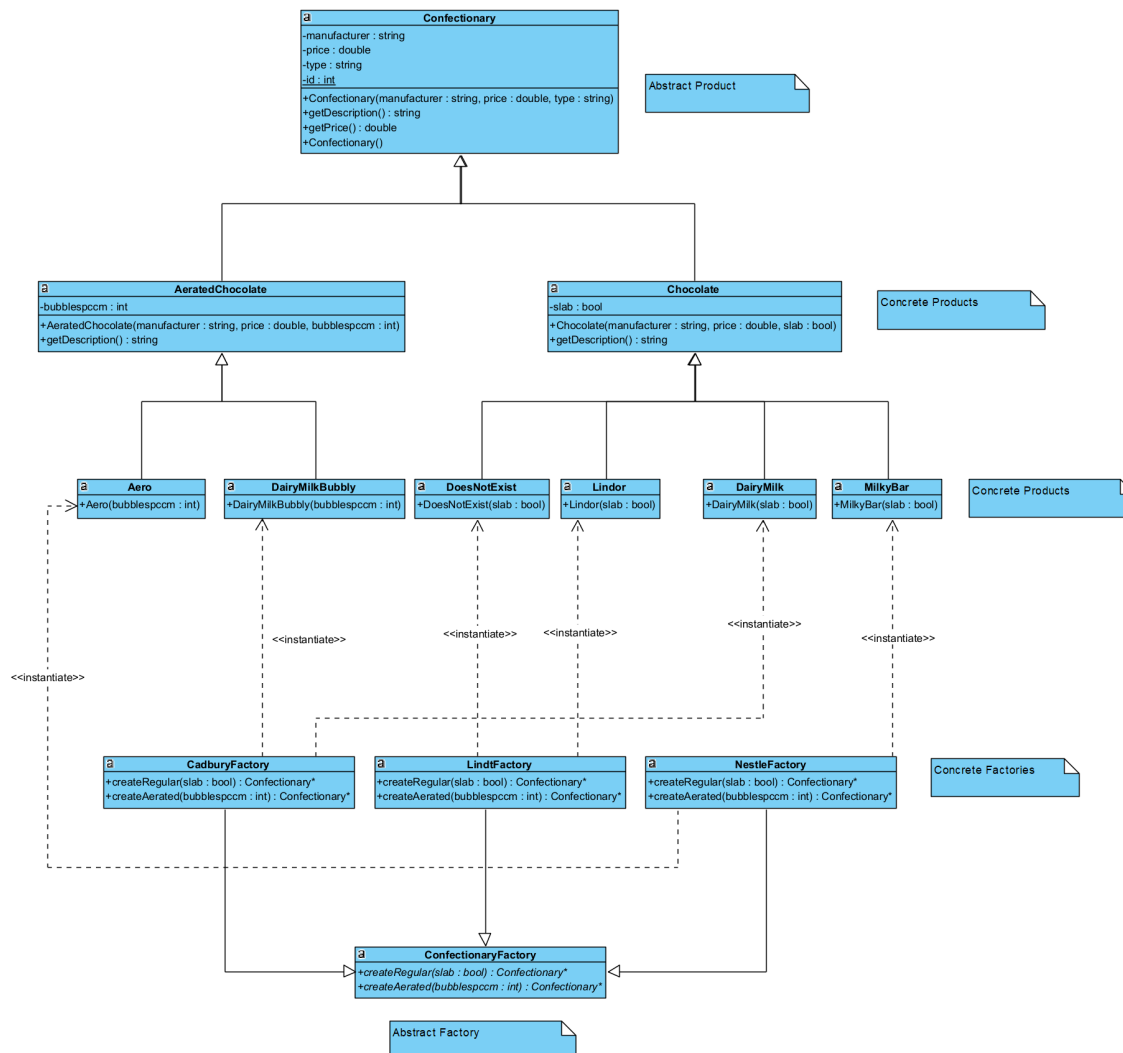
(coding)

Task 2

2.1) If a product does not exist, the factory will need to return null. Factories have to conform to the Abstract Factory interface. They will need to override all virtual functions. In the main class, when dealing with an array of products, one will have to do a null check to see whether the product's functions can be called or not.

2.2) One can create an object, which conforms to the abstract product interface, and signifies that a NULL object was returned. (For instance, a DoesNotExist object). This object returns -1 as the price, indicating that this object cannot be created. This can be checked while creating products to ensure that a valid produce was created.

2.4)



Task 7

7.2)

