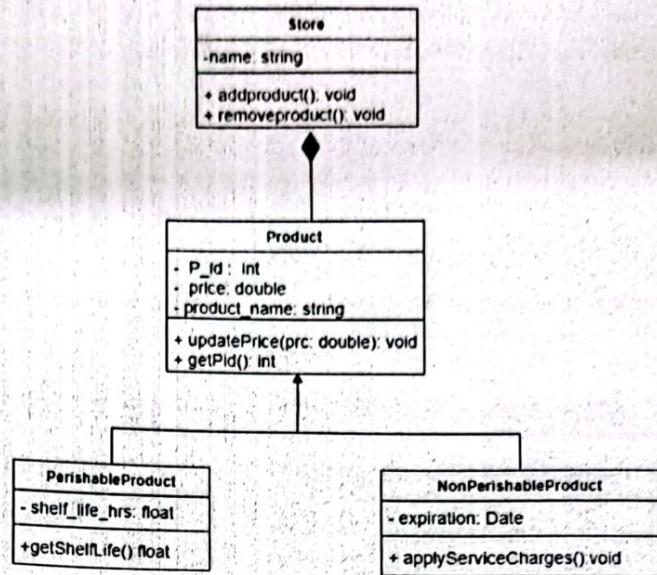


Q1. Q1. You have been given UML for a Grocery Store. You need to code for the body of the classes keeping in mind the relationship between classes.



Class Store
 { private:
 string name;
 public: Product product;
 void addProduct();
 void removeProduct();
 };

class Product ~~= public Store~~
 {
 int p_id;
 double price;
 String product_name;
 public:
 void updatePrice(double prc);
 int getPid();
 };

class PerishableProduct : public Product
 { private:
 float shelf-life-hrs;
 public:
 float getShelfLife();
 };

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class NonperishableProduct : public Product
 { private:

date expiration;
 public:
 void applyServiceCharges();

};