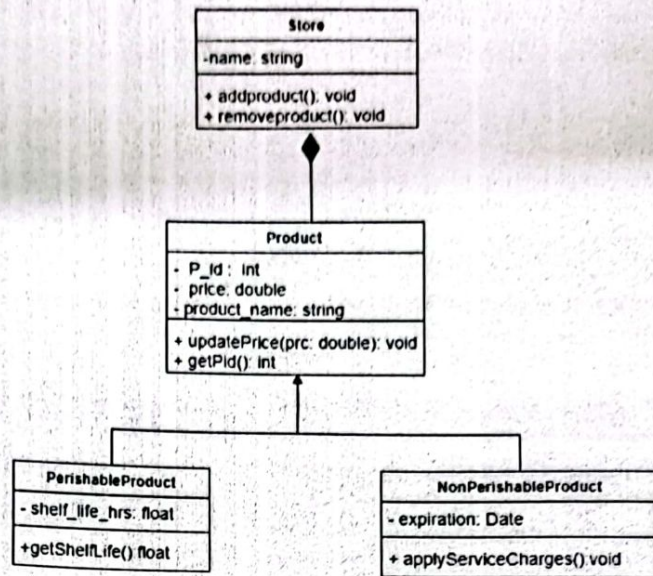


Q1. Q1. You have been given UML for a Grocery Store. You need to code for the body of the classes keeping in mind the relationship between classes.



```

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();
};
  
```

```

class NonperishableProduct: public Product
{ private:
  Date expiration;
  public:
  void applyServiceCharges();
};
  
```