Assessment 2

1. Create a class `CurrentAccount` with the following attributes: account number, account name, balance. It has the following functions:
   a. `deposit(amount: Double)` - Increments the balance by the amount deposited
   b. `withdraw(amount: Double)` - Decrements the balance by the amount withdrawn
   c. `details()` - Prints out the account number and balance and name in this format: "Account number x with balance y is operated by z"   (5points)

2. Create another class `SavingsAccount`. It has the same functions and attributes as the current account except for one attribute, `withdrawals: Int`. Withdrawals is a counter variable that is used to keep track of how many withdrawals have been made from the account in a year. The only other difference is that the savings account `withdraw()` method first checks if the number of withdrawals is less than 4 for it to allow one to withdraw money from the account. It also increments the withdrawals attribute after a successful withdrawal (5points)

3. A product is represented by a data class with these attributes: name, weight, price, category. Category can either be groceries, hygiene or other. Write a function that takes in a product and uses a when statement to assign each product to a list based on its category
                                                        (3 points)

4. Write a function that given a string returns a string composed of only the characters in even indices. For example given "banana" it will return "bnn"   (2 points)