

End of Section Exam –List Cleaner

You are working on an application that reads in a list of numbers from a file. However, the part of the program that reads in the data is poorly written and sometimes includes string data instead of the numbers.

Your job is to write a method that accepts an ArrayList which contains valid numerical data along with invalid string data. You should remove the string data so only the valid data remains.

Once you have removed the invalid data, write a method that totals all of the numerical values in the list. Create a test method that Asserts this value to be: 147

The ArrayList you should use to check your method is included below:

```
ArrayList dataList = new ArrayList();
    dataList.Add("Someday");
    dataList.Add(2);
    dataList.Add("app");
    dataList.Add("13.5");
    dataList.Add("red");
    dataList.Add(8);
    dataList.Add(99);
    dataList.Add("6");
    dataList.Add("Meatball soup");
    dataList.Add(18M);
    dataList.Add("pieces");
    dataList.Add("14");
```