

```
//Laboratory Activity8
```

```
//Transaction Filter
```

```
using System;
```

```
using System.Linq;
```

```
using System.Collections.Generic;
```

```
namespace HelloWold;
```

```
public static class Activity8
```

```
{
```

```
    public static void Main(String[] args)
```

```
    {
```

```
        List<decimal> transactions = new List<decimal>();
```

```
        List<decimal> largeTransactions = new List<decimal>();
```

```
        decimal total = 0;
```

```
        Console.WriteLine("Enter transaction amounts:");
```

```
        for (int i = 1; i <= 20; i++)
```

```
        {
```

```
            Console.Write($"Transaction {i}: ");
```

```
            decimal amount = decimal.Parse(Console.ReadLine());
```

```
            transactions.Add(amount);
```

```
            if (amount > 10000)
```

```
            {
```

```
                largeTransactions.Add(amount);
```

```
                total += amount;
```

```
            }
```

```
        }
```

```
        Console.WriteLine("\nTransactions above 10,000:");
```

```
        foreach (decimal t in largeTransactions)
```

```
        {
```

```
            Console.WriteLine(t.ToString("F2"));
```

```
        }
```

```
        Console.WriteLine($"Total of qualifying transactions: {total.ToString("F2")}");
```

```
    }
```

```
}
```