Hi Aravind,

The hiring manager would like for you to complete the attached blunderful test, there are also some additional instructions below. Please complete and send back to me once you are finished. Let me know if you have any questions and I will try to get the answers for you. Thank you!

**Step 1**

Here is what we'd like you to do

Create a CostDomainObject named as CostDTO (like Data transfer object or value object) with three attributes, costId as type String and costAmout as type BigDecimal, effectiveDate as Date. Override equals and hashcode methods based on costId.

Create Interface CostCalculator taking above CostDTO object as 2 Arguments

1) CostDTO add(CostDTO arg1, CostDTO arg2);

2) CostDTO subtract(CostDTO arg1, CostDTO arg2);

Implement the above 2 methods. You are creating those methods to sum up or subtract cost amounts based on costId.

Throw a checked exception when the costIds are not the same.

Mostly what I am looking for is how you test your code. This is important as you will be re-factoring/rewriting existing code or going to enhance existing functionality. We try to do test first development @ the client.

**Step 2**

The attached zip file contains the second part of the test.  Please complete the instructions contained in it and submit the results.  You do not need to fix the code, you only need to note what is wrong with the code and what changes you would make.  You can do this in a word document.