Bohan Feng Homework06

1

python

```
def adder(*argv):
    sum = 0
    for value in argv:
        sum += value
    return sum

print("Sum 1 is", adder(1,2,3,4,5,6))
print("Sum 2 is", adder(1,5))
print("Sum 3 is", adder())
```

Java

```
public class hw6 {

   public static int adder(int ...args)
   {
      int sum = 0;

      for (int i : args){
            sum += i;
      }

      return sum;
   }

   public static void main(String [] args)
   {
      System.out.println("Sum 1 is " + adder(1,2,3,4,5,6));
      System.out.println("Sum 2 is " + adder(1,5));
      System.out.println("Sum 3 is " + adder());
   }
}
```

C#

```
using System;
namespace hw6 {
    class hw6 {
        public static int Adder(params int[] args)
            int sum = 0;
            for (int i = 0; i < args.Length; i++){
                sum += args[i];
            }
            return sum;
        }
        public static int Main(String [] args)
            Console.WriteLine("Sum 1 is {0}", Adder(1,2,3,4,5,6));
            Console.WriteLine("Sum 2 is {0}", Adder(1,5));
            Console.WriteLine("Sum 3 is {0}", Adder());
            return 0;
        }
    }
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