Philip Pesic

Week 14

April 23 2023

Week 14 Prog 5

Write a recursive function that adds up the numbers 1 to 10

```
package Prog5;

class prog5 {

    static int result = 0;

    public static int adder(int x) {
        result += x;
        x--;
        if (x > 0) {
            return adder(x);
        } else {
            return result;
        }
    }

    public static void main(String[] args) {
        System.out.println(adder(10));
        System.out.println("Philip Pesic 4/23/23");
    }
}
```

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```
| Program | Prog
```

I learned how to write my own recursive functions