

NAME:

Date:

Class

Accumulator
- total: double
- increment: double
+ Accumulator(incr: double):
+ add(): void
+ getTotal(): double

DEFINIG CLASSES: Write the definition of the following methods in the Accumulator class.

1. Write the definition of Accumulator's constructor that accepts an initial **increment** value and initializes **total** to 0.

2. Write the definition of the **add** method that will increase **total** by the **increment** value.

DECLARING OBJECTS: Demonstrate your understanding of declaring objects and calling methods

3. Define an Accumulator object named **quarters** that has the increment value set to **0.25**.

4. Write code that will call quarter's *add()* method **num** time then displays the total of this accumulator.

```
System.out.print("Enter number of quarters: ");
```

```
int num = kb.nextInt();
```