



The Dancing Coder

Similarities between dancing and
coding

Dancing/Coding: Steps

Dancing	Coding
<p>Literally steps/moves</p> <ul style="list-style-type: none">• Grapevine 4 steps• Hammer fist 2 steps forward/ 2 steps back	<p>Steps in the code</p> <ul style="list-style-type: none">• Validate input• Process input• Save input



Dancing/Coding: Blocks

Dancing	Coding
<p>Sequence of steps/moves</p> <ul style="list-style-type: none">• Chorus<ul style="list-style-type: none">• A: Wide squat, 4 flicks L, 4 flicks R• B: Jump, feet together in the middle• C: Hammer fist R, 2 steps forward L• D: Hammer fist L, 2 steps back R	<p>Sequence of steps in the code</p> <ul style="list-style-type: none">• Validate input block<ul style="list-style-type: none">• Check data not null<ul style="list-style-type: none">• Error message: required data• Check data is a valid date<ul style="list-style-type: none">• Error message: input is not a date

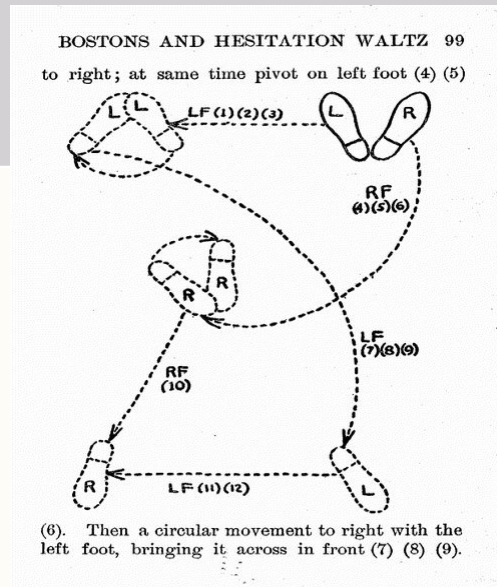
```
public static int getMonthsBetweenDates(Date startDate, Date endDate){
    if(endDate == null){
        endDate = new Date();
    }
    DateTime start = new DateTime(startDate);
    DateTime end = new DateTime(endDate);
    Months months = Months.monthsBetween(start, end);
    return months.getMonths();
}
```

Dancing/Coding: Flow/Patterns

Dancing

Pattern to blocks of steps and flow between them

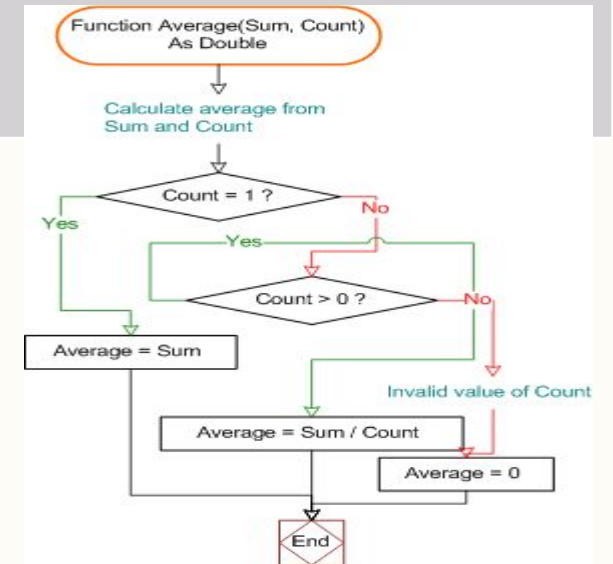
- A, B, C, D
- A, B, A, B
- C, D, A, B



Coding

Blocks of code and flow between the blocks

- Validate input
- Process input
- Save input



Dancing/Coding: Execution

Dancing	Coding
Performance!	App/Program is working!



The Dancing Coder

If you love Coding, you should definitely try Dancing
and vice-versa!

(Makes you a happier, healthier coder)

