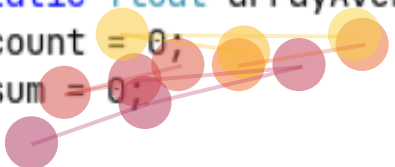


```
public static float arrayAverage(int[] numbers) {  
    int count = 0;  
    int sum = 0;  
    while (count < numbers.length) {  
        sum = sum + numbers[count];  
        count = count + 1;  
    }  
  
    float average = sum / (float) count;  
    return average;  
}
```

A diagram illustrating variable dependencies. It features several colored circles (yellow, orange, red, pink) connected by lines. Yellow circles are positioned above the 'count' variable in the initialization and the 'while' loop condition. Orange circles are positioned above the 'sum' variable in the initialization and the 'while' loop body. Red and pink circles are positioned above the 'sum' variable in the 'while' loop body and the 'average' calculation, respectively. Lines connect these circles to show the flow of data and dependencies between the variables.