# Java Basics Practice Questions

1. Fill in the following Java code using a While loop.  The program goes through and count by fives starting from 100 and ending at 50 (inclusive) and prints the numbers on the screen/console with spaces and commas.

Output Screen: | 100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 50

```
public static void main (String[] args){


        while (
```

2. Bayview Krispy Kreme Doughnut Company sells their doughnuts to other companies.  Their prices for the doughnuts are based on the amount purchased:
   - 0 – less than 6 dozen costs $8.99/dozen
   - 6 – less than 12 dozen costs $7.99/dozen
   - 12 – less than 16 dozen costs $6.99/dozen
   - 16 or more dozen costs $5.99/dozen

   **NOTE:  Any extra doughnuts cost 1/12$^{th}$ of the dozen price**

   Write a program called *DoughnutCompany* that will prompt the user for the number of doughnuts and then calculates the total cost.

3. Write a program called *ConsecutiveSum* that asks the user to enter an integer.  The program will add that number and the next consecutive 5 odd numbers and outputs the final total to the screen/console. For example, if the user enters a 2, then the output would be 37 since 2+3+5+7+9+11=37.   Use a **for loop** in your Java code.