"**Hailstone Numbers**"

An interesting unsolved mathematical problem is called "Hailstone Numbers". This series of numbers is produced by taking an initial integer, and if the number is even, dividing it by 2. If the initial number is odd, multiply it by 3 and add 1. This process is then repeated.

For example:

an initial value of 10 produces:

10, 5,16,8,4,2,1,4,2,1,4,2,1,...

An initial value of 23 produces:

23,70,35,106,53,160,80,40,20,10,5,16,8,4,2,1,4,2,1,...

Notice that both numbers eventually reach the cycle 4,2,1,4,2,1,...

Save program as Hailstone\_yourName.java

Due date: Thursday, January 22, 2015