**YouTube tutorial 35 – Variable length arguments**

**class** apples{

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

System.*out*.println(*average*(43,56,76,8,65,75,2,31));

}

**public** **static** **double** average (**double**...numbers){

**double** total=0.0;

**for**(**double** x:numbers)

total+=x;

**return** total/numbers.length;

}

}

**Result:**

44.5

**Important notes:**

* Three dots are used when the numbers are not known. In other words, we do not know how many numbers will be inputted. In this case, the total numbers are 8.

Ellipsis-Three dots (definition).