 

**Advanced Placement Computer Science**

[**Shenendehowa HS**](http://www.shenet.org/shen-high-school/)[**mr Hanley**](http://hanley.co.nr)

**Unit 1: Comp Sys - Numeric String Rep Num Sys**

**Lesson: Review Vars, Loops, Arrays, Methods**

***Last Updated:*** *9/11/2017*

Lesson: Parameter Passing Mechanisms

*Last Updated: 100/11001/1100*

1. **Computer Variables:**  
   As a review: describe what computer variables do during the running of a program  
     
     
   What types are built into java?  
     
     
   How are phrases represented in java?  
     
     
     
   Declare a String to hold a name. Assign into it the company who runs java.
2. **Loops** are useful for repeating commands a certain number of times
   1. **Looping a fixed number of times;**Write a loop to print the numbers from 1-1000 on separate lines, after every 12th number, print \*\*\* on a line by themselves
   2. **Looping an unknown number of times**  
      We also can loop until something occurs. Write a loop to accept words until someone types in “stop”. Add each word into a sentence. Then print the sentence at the end with a \* between each word.  
      **Example:  
      Type in a word, type stop to quit:** *Hello***Type in a word, type stop to quit:** *I***Type in a word, type stop to quit:** *am***Type in a word, type stop to quit:** *here***Type in a word, type stop to quit:** *stop*Hello\*I\*am\*here\*

1. **Arrays:** Arrays allow for the storage of \_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examples,  
int[]schedule = new int[24];   
//Assign the times you are sleeping to a 0 and the times you are awake to a 1

What are methods?