

1. WAP in Java to maintain temperatures in a fixed array. Provide following methods:
  - `initTemp()` - put initial hardcoded values into array
  - `meanTemp()` - finds the mean temperature among all temperatures
  - `maxTemp()`
  - `minTemp()`
  - `displayTemps()`
2. WAP to create a simple initialized int array with 5 integers. Iterate thru the array and find sum and average of all elements.
3. WAP to create a new empty array. Read the contents of above array (in 2<sup>nd</sup> problem statement) and for every element, find square of the number and store into new array.
4. We have an array that holds many web site names. Eg, [www.google.com](http://www.google.com), [www.msn.com](http://www.msn.com), [www.amazon.co.in](http://www.amazon.co.in), [in.answers.yahoo.com](http://in.answers.yahoo.com), [en.m.wikipedia.com](http://en.m.wikipedia.com), [codehs.gitbooks.io](http://codehs.gitbooks.io), [www.coderanch.com](http://www.coderanch.com) etc. Search for all sites that begin with "www" and display the total number of such sites. Eg for above eg, total is 4
5. Write a program that prompts the user to enter a Social Security number in the format DDD-DD-DDDD, where D is a digit. Your program should check whether the input is valid.  
Eg : Enter a SSN: 232-23-5435  
232-23-5435 is a valid social security number

There is a function in javascript called `prompt()` which is similar to `alert()`. `prompt()` lets you accept data from user