Part 3:

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<http://www.learnjavaonline.org/en/Functions>

<https://www.tutorialspoint.com/java/java_methods.htm>

Exercise:

1. Write a Java method to check whether a string is a valid password.    
   Password rules:  
   A password must have at least ten characters.  
   A password consists of only letters and digits.  
   A password must contain at least two digits.

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1. Write a program(class) with these methods:

* method to calculate the area of a triangle.
* method to find the smallest number among three numbers
* method to compute the average of three numbers
* method to create the area of a pentagon
* method to find all twin prime numbers less than 100

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- Write a boolean method called isOdd() in a class called OddTest, which takes an int as input and returns true if the it is odd. The signature of the method is as follows:

public static boolean isOdd(int number)

Also write the main() method that prompts user for a number, and prints "ODD" or "EVEN". You should test for negative input.

- **Exercise (Method):** Write a boolean method called hasEight(), which takes an int as input and returns true if the number contains the digit 8 (e.g., 18, 808).

- Write a program called **MagicSum**, which prompts user for numbers, and produce the sum of numbers.