Part 3:

Ved 5 + 6

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

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

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

Exercise:

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.

Write Java methods to calculate the area of a triangle.

 Write a Java method to find the smallest number among three numbers

Write a Java method to compute the average of three numbers

Write a Java method to create the area of a pentagon

Write a Java method to find all twin prime numbers less than 100

More :

- 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.