## Part One: (Basic – variables – Conditions)

Video 1

<http://www.learnjavaonline.org/en/Hello%2C_World%21>

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

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

Video 2:

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

#### Exercises (due date Thursday night)

1. Write a Java program to
2. print 'Hello' on screen and then print
3. your name on a separate line
4. sum of two numbers
5. divide two numbers and print on the screen
6. print the result of the following operations

-5 + 8 \* 6  
(55+9) % 9   
 20 + -3\*5 / 8   
5 + 15 / 3 \* 2 - 8 %

1. Write a program called **CheckPassFail** which:

prints "PASS" if the int variable "mark" is more than or equal to 50; or prints "FAIL" otherwise. The program shall always print “DONE” before exiting.

1. Write a program called **CheckOddEven** which

prints "Odd Number" if the int variable “number” is odd, or “Even Number” otherwise. The program shall always print “BYE!” before exiting.

**Hints**: n is an even number if (n % 2) is 0; otherwise, it is an odd number.

Html && CSS:

 Create a webpage that looks like the screenshot below.

