



Assignment



1. Using the **while-end loops**, write a **script** that calculates the **surface area** of such **rectangle (a, b)**.
Where, (a=h=4 7 2 6 9) and (b=1 5 3 2 8)
2. Using the **while-end loops**, write a **script** that calculates the **perimeter** of such **rectangle (a, b)**.
Where, (a=h=4 7 2 6 9) and (b=1 5 3 2 8)
3. Using the **while-end loops**, write a **script** that calculates the **moment inertia of rectangle (b, h)**.
Where, (a=h=4 7 2 6 9) and (b=1 5 3 2 8)
4. Using the **while-end loops**, write a **script** that calculates **the omega (natural frequency)**. Where,
(m=10 20 30 40 50) and (k=1 2 3 4 5)
5. Using the **while-end loops**, write a **script** that calculates the **moment inertia of cercle**. Where,
(D=1 9 4 3 10 77 66 22 80)
6. Using the **while-end loops**, write a **script** that calculates the **moment inertia of rectangle (b, h) in x axis and y axis**. Where, (a=h=4 7 2 6 9) and (b=1 5 3 2 8)
7. Using the **while-end loops**, write a **script** that calculates the series of formula

$f = 5e^x$	$g = \frac{\ln x}{7}$	$h = 2\sqrt{x}$
------------	-----------------------	-----------------

Where x varied from 1 to n , n is the number of the month of birth of each student multiplied with 5.