



Assignment



1. Using the **if-end condition**, write a **script** that calculates the **square root** ($\sqrt{x}$) of any numbers.
2. Using the **if-end condition**, write a **script** that calculates the $x = \left(\frac{-b}{2a}\right)$.
3. Using the **if-else-end condition**, write a **script** or create a **program** that calculates the result of $y = e^x + x$ in case $x < 1$, otherwise the result of $y = x^2 - \ln x$.
4. Using the **if-else-end condition**, write a **script** or create a **program** in order to compare two given numbers a and b .
5. Using the **if-elseif-else-end loop**, write a **script** or create a **program** that calculates the roots of $ax^2 + bx + c = 0$.

$a =$	1	1	4	4
$b =$	5	1	8	8
$c =$	4	4	2	4

6. Using the **if-elseif-else-end loop**, write a **script** or create a **program** that compare the number given with "0".