



Test N°8: if-elseif-end statement in MATLAB



Exercise N°1

Using **if-end statement**, write a program that show the word “**pass**” when the grad is **greater than 60**.

Exercise N°2

Using **if -end statement**, write a program that show the word “**no roots**” when $(\Delta < 0)$.

Exercise N°3

Using **if-end statement**, write a program that show the word “**pass**” when the grad is **greater than 60**, otherwise “**fail**”.

Exercise N°4

Using **if-else-end statement**, write a program that show the word “**no roots**” when $(\Delta < 0)$ otherwise two roots available $(\Delta > 0)$.

Exercise N°5

Using **if-else-end statement**, write a program that show the word “**no roots**” when $(\Delta < 0)$ otherwise only one roots available $(\Delta = 0)$.

Exercise N°6

Using **if-else-end**, write a program that able to calculate or return the value given positively $y = |a|$

Exercise N°7

Using **if-elseif-end statement**, write a program that calculate the roots of the equation $(ax^2 + bx + c = 0)$ when $(\Delta < 0)$, $(\Delta = 0)$ and $(\Delta > 0)$.