Series N°7: if-elseif-end statement in MATLAB

Excercise N°1

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

Excercise N°2

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

Excercise N°3

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

Excercise N°4

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

Excercise N°5

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

Excercise N°6

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

Excercise N°7

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