work / functions

MATLAB is a computing platform that is used for engineering and scientific applications like data analysis, signal and image processing, control systems, wireless communications, and robotics. MATLAB includes a programming language, interactive apps, highly specialized libraries for engineering applications, and tools for automatically generating embedded code. MATLAB is also the foundation for Simulink, a block diagram environment for simulating complex multi-domain systems.

computing platform → software ✓

language

simulink

simulation

PUBG
BGBI   Real World ✗   } MATLAB
F.F   +
              Virtual world

↓ CAR → Brek. Car → 120 km/h
                     → 100 km/h } money product
↓ money   ↑

× ×   model / algo → MATLAB

simulation {
              120 km/h → Break ✓ / ✗ } virtual
              100 km/h → Break →   world
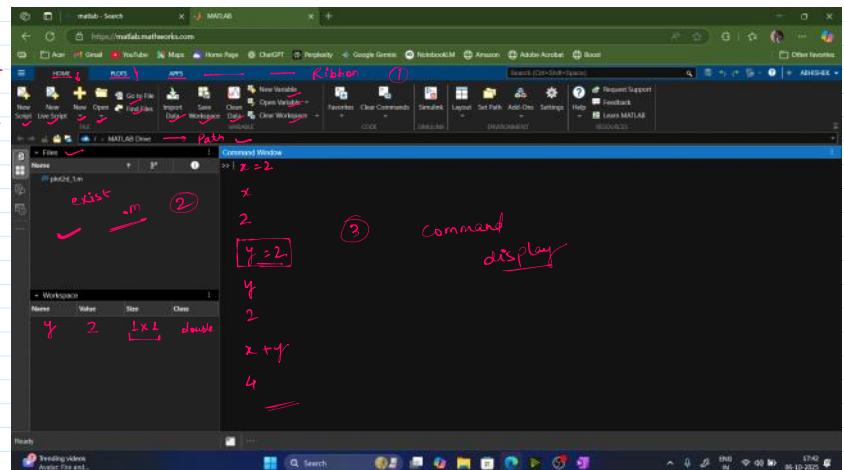
PUBG → Fingers / touch screen

software ∧ MATLAB → instruction / commands → MATLAB Language
Platform
          VS. Code   +

workspace :-

▷ plot ⌐⌐⌐⌐ plot Line graph
                    draw art

y = 2

MATLAB

workspace

y [2] [1×1]

→ [2]
    1×1

MATLAB } Laboratory

Matrix

→ [1 2 3]
→ [4 5 6]
→   3×3 = ⑥
            R C