This is LaTex on VS Code

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Objective

Lab report stuff...

Theory

Newotons Second Law was

$$F = ma \tag{1}$$

it can also be written as

$$F_{net} = m \cdot \frac{d^2y}{dx^2}$$

Or as

$$\sum F = ma$$

for an oscilating object the restoring force is : $F = -kx$
so the net force

$$\begin{aligned} F &= ma \\ &= -kx \end{aligned}$$

a possible solution for this differential equation is

$$x = A\sin(t)$$

Other Examples

- Limits:

$$\lim_{x \to \infty} e^{-x} = 0$$

- Roots:

$$\sqrt[3]{x}$$

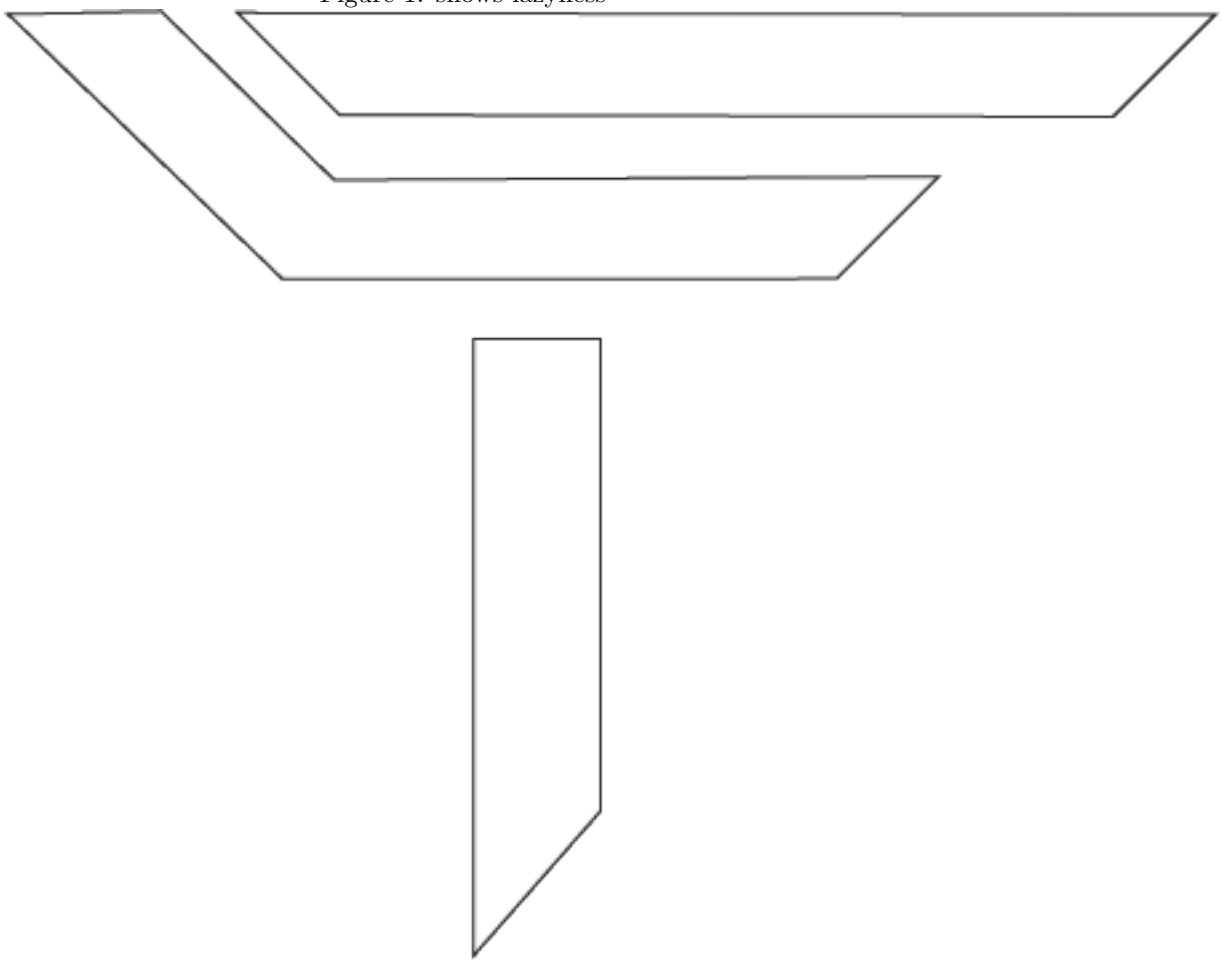
- Table:

4	3	9
8	4	3
7	9	0

Table 1: shows the readings of randomness

hbuhb

Figure 1: shows lazyness



- : Figure