

ASSIGNMENT

1. Write or create the following vectors in MATLAB

N.B Before strating write in command windows “**format bank**”

$$a = \left\{ 3^2 \quad \frac{7}{4} \quad 2,25 \times 8,5 \quad 0,8 \quad \sin\left(\frac{5\pi}{8}\right) \quad e^2 \quad \cos(1,8\pi) \quad 2,1 \times 10^4 \quad \sqrt[3]{120+84} \right\}$$

$$b = \left\{ \sqrt{5,2^3} \quad 6,71 \times 10^3 \quad (3+5,1^2) \quad \cos 53^\circ \quad e^{2,3+1,7} \quad 15,8 \quad \sqrt[3]{90} \quad \frac{\sin\left(\frac{2\pi}{3}\right)}{\cos\left(\frac{3\pi}{14}\right)} \quad \tan 70^\circ \cos 20^\circ \quad \ln 14 \right\}$$

$$c = \left\{ 0,75 \times 5,2^{0,7} \quad 11,1 \quad \sqrt[3]{60} \quad \tan(10\pi/11) \quad \cos^2 5^\circ \quad 0,116 \right\}$$

$$x = 3,4 \quad \text{and} \quad y = 5,8$$

$$d = \left\{ x+y \quad x^y \quad x \times y \quad y^2 \quad x \quad \frac{x}{y} \quad e^{x+y} \quad \sqrt{x \times y} \quad \ln \frac{x}{y} \quad \log_{10} \frac{y}{x} \quad \sqrt[3]{x^y} \quad \frac{y}{x} \right\}$$