

Practical-1

1. Write a Java program to print the “Let us learn Java” on the console.
2. Write a Java program to print the following pattern on the screen.

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*****  
*      Let us learn Java      *  
*****
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3. Write a Java program to evaluate the following equations.

- a) $C = F - 32 / 1.8$
- b) $\text{Area} = \pi \cdot r^2 + 2 \cdot \pi \cdot R \cdot h$
- c) $\text{Energy} = m (a \cdot h + v^2 / 2)$
- d) $\text{Side} = \text{SQRT}(a^2 + b^2 - 2ab\cos(x))$
- e) $F = \sqrt{1/LC - r^2/4C^2}$
- f) $T = (2m_1m_2/m_1+m_2) \cdot g$