

Unit-2 / Assignment-2

Introduction to Automata Theory and
Formal Language.

Que Construct an FA equivalent to the regular expressions.

$$(0+1)^* (00+11) (0+1)^*$$

Que Use Pumping Lemma to prove that language L is not C.F.L.

$$L = \{a^n b^n \mid n \geq 1\}, n = 1, 2, \dots$$

Que Differentiate between Moore and Mealy Machine?

Que What do you mean by Kleene Closure and Kleene Plus?