

Q1.

a) Consider the EVEN-EVEN language, defined over $\Sigma=\{a, b\}$.

- i. Write Regular Expressions of the above language
- ii. Draw T.G. of the given language

Ans:

Lecture 09 slide 10 to 11

b) Describe the difference between

- i. FA and TG

Ans:

Lecture 07 slide 18

- ii. TG and GTG.

Ans:

Lecture 09 slide 18

Q2. Consider the language L, defined over $\Sigma=\{a, b\}$, in which **a's occur only in even clumps and that ends in three or more b's**.

- i. Write Regular Expression of the above language
- ii. Draw TG of the above language

Ans:

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