# **Anotações aula**

**G = ( V, T, S, P, L )**

**V ->**

**T ->**

**S -> Início**

**P -> Regra da escrita**

**L -> Base das palavras**

P = { S -> XY,

X -> XaA | XbB | F,

Aa -> aA,

Ab -> bA,

AY -> Ya,

Ba -> aB,

Bb -> bB,

BY -> Yb,

Fa -> aF,

Fb -> bF,

FY -> ε }

baba

S

XY

XaAY

XbBaAY

FbBaAY

bFBaAY

bFBaYa

bFaBYa

baFYba

baεba

baba

# **Atividade 4**

Regras:

G = ( V, T, S, L, P )

V = { S, X, Y}

T = { a, b, c}

S = { S }

L = {“*abc*” onde a^n+1, b^n, c^m, n>=0, m>=1}

P = { S -> XY,

X -> aXb,

X -> a,

Y -> c,

Y -> cY}

---------------------

P = { S - > XY,

X -> aXb,

X -> a,

Y -> cK,

K -> cK,

K -> ε}

# **Atividade 3**

G = ( V, T, S, P ) em que V = { S, X, Y }, T = { a, b }, S = { S } e P = { S -> aX; X -> bX | aY; Y -> aY|b }.

S

aX

abX

abaY

abaaY

abaab

L = { “*abab*”, a^1, b^m, a^n, b^1, m>=0, n>=1}