EXPERIMENT – 2

AIM: Design DFA and algorithm for assigned language.

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PROJECT TITLE

1. X++: used to indicate two increments to "X"
2. X--: used to indicate two decrements to "X" integer variable.
3. X**: used to indicate X variable should be doubled.
4. X=+Y12: Does the addition of X and Y12 and stores value back in "X".
5. X=-Y: Does the subtraction of X and Y and stores value back in "X".
6. X=<integer or float value>: To assign some value to the variable
7. <datatype> <variable name list separated by semicolon>: To define the variables with a particular datatype.
● Variables can be of type: "simple" or "float"
● Variable names should start with capital alphabet and can be followed by maximum 2 digits.
● Sentence end is indicated by ":"

DFA: