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Idea :

Made some basic operations on graph and see representation of graph (result of graph)

Constrains :

1- Language should start with
<g> /*what we want to represent*/ </g>
2- To create node just define Node
nameOfNode = number.
3- To create edge just define Edge
nameOfEdge = nameOfEdge --> nameOfEdge (directed graph)
4- **And print() function take parameter from variable of graph or edge or operation on this values directly.**
5- **Operations on graph +, ×, −, ***
a) **“+”** : Conceit to node together to become just one and also if connected with another node.(binary operation)
b) **“×” : connect two node with indirect edge (binary operation)**
c) **“−” : delete node (unary operation)**
d) **“*” : Duplicate node number of times (binary operation)**

Accepted string :

```
<g>
 Node n1 = 1.
 Node n2 = 2.
 Edge e1 = n1 --> n2.
 print(e1). # n1 -->n2
 print(n1×n2). # n1--n2
 print(n1*2). # 2 2

 n1 = −n1.
 print(n1). # n1 is deleted
 print(e1). # n2

</g>
```

Rejected string :

```
 <g>
  N1 = 1. # error undeclared variable
  Print. #error undeclared function
  Node N1 = 1 # error unexcept '.'
  print(N1 × N2) # error undefined 'N2'

 </g>
```