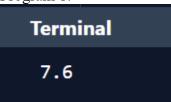
John Vincent S. Racimo BSCS 3 – 2 2021-01335 DBTK

1. Simulate the expressions using your code (hand written).

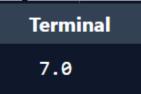
```
Program 1:
 a = 2, c = 1, e = 5, g = 4, h = 0
 z = 9*9 % c - 2/e + 2*g-h/1
 play (z)
Simulation:
2=(2*4)%1-2/5+(2*4)-0/1
2= 8%1-2/5+8-0/1
z= 0-2/5+8-0/1
 Z= 0-0.9+8-011
                            Program 3:
 z=0-0.9+8-0
                            a=9,d.5,e=6,h=9,i=2
 z = - 0.9 + 8-0
                            x = a-(4/2)+d %e+3+2-(h/i)
 z = 7.6 - 0
                            play (x)
z=7.6
                            Simulation:
Program 2:
                           X=9-(7/2)+5 %6*3+2-(1/2)
                           x=9-2+5%6+3+2-2
a=6, e=2, f=0, i=5
y = 8/2 * a % 3+e-f * 9/2+i
                           x=9-2+5+3+2-2
                           x=9-2+15+2-2
play (y)
                              7+15+2-2
                           x= 22+2-2
Simulation:
9=812 *6 1.3+2-0 4/2+5
                              24-2
y= 9 * 6 % 3+2-0*9/2+5
      163+2-0*9/2+5
   0+2-0*9/2+5
```

2. Run your compiler and display the output to validate your simulation.

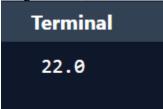
Program 1:



Program 2:

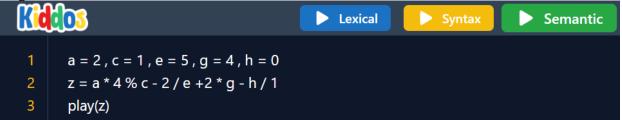


Program 3:



3. Submit the screenshot of your code.

Program 1:



Program 2:

Program 3:

4. Submit the screenshot of your output after running your compiler.

Program 1:

```
Program 2:
                                                        Syntax
                                           Lexical
                                                                       Semantic
         a = 6, e = 2, f = 0, i = 5
         y = 8 / 2 * a % 3 + e - f * 4 / 2 + i
         play(y)
  Terminal
   7.0
```

Program 3:

```
Kiddos
                                         Lexical
                                                                      Semantic
       a = 9, d = 5, e = 6, h = 4, i = 2
       x = a - (4/2) + d\% e * 3 + 2 - (h/i)
       play(x)
Terminal
22.0
```