

```

In [1]: 1 + 1
Out[1]: 2
         type: int

In [2]: 5 * ( 3 + 4 ) / 2
Out[2]: 17
         type: int

In [3]: 4.0 / 6.0
Out[3]: 0.666667
         type: double

In [4]: 4 / 6
Out[4]: 0
         type: int

In [5]: 4.0 / 6
Out[5]: 0.666667
         type: double

In [6]: 5^4
Out[6]: 1
         type: int

In [7]: 5 * 5 * 5 * 5
Out[7]: 625
         type: int

In [8]: (5*5) * (5*5)
Out[8]: 625
         type: int

In [9]: N = 5*5
input_line_25:2:2: error: use of undeclared identifier 'N'
  N = 5*5
  ^

```

Interpreter Error:

```

In [10]: int N;
In [11]: N = 5 * 5
Out[11]: 25
          type: int

In [12]: N
Out[12]: 25
          type: int

In [13]: N+1
Out[13]: 26
          type: int

In [14]: N * N
Out[14]: 625
          type: int

In [ ]:

In [15]: N = 5 * 5
Out[15]: 25
          type: int

In [16]: 5 * 5 = N
input_line_37:2:8: error: expression is not assignable
  5 * 5 = N
  ~~~~ ^

```

Interpreter Error:

```

In [17]: N = 1
Out[17]: 1
          type: int

In [18]: N
Out[18]: 1
          type: int

In [19]: N = N + 1
Out[19]: 2
          type: int

In [20]: N == N + 1
input_line_44:2:4: note: use '=' to turn this equality comparison into an assignment
  N == N + 1
  ^~  =
Out[20]: false
          type: bool

In [ ]:

```