```
>> A = [1, 2, 3; 4, 5, 6; 7, 8, 9; 10, 11, 12];
>> a
Undefined function or variable 'a'.

Did you mean:
>> A

A =

     1     2     3
     4     5     6
     7     8     9
    10    11    12

>> B = [3, 2, 1; 6, 5, 4; 9, 8, 7; 12, 11, 10];
>> B

B =

     3     2     1
     6     5     4
     9     8     7
    12    11    10

>> A+B;
>> C = A+B;
>> C

C =

     4     4     4
    10    10    10
    16    16    16
    22    22    22

>> x =1

x =

     1

>> y1= 3x^2+2x-6;
 y1= 3x^2+2x-6;
      ↑
Error: Invalid expression. Check for missing multiplication operator, missing or ↙
unbalanced delimiters,
or other syntax error. To construct matrices, use brackets instead of parentheses.

Did you mean:
```

```
>> y1= 3*x^2 + 2*x - 6;
>> y1

y1 =

    -1

>> x= pi

x =

    3.1416

>> 3*pi^2+2*pi-6

ans =

   29.8920

>> a =ans

a =

   29.8920

>> x=2

x =

     2

>> y2=x

y2 =

     2

>> y2=3*x^2+2*x-6

y2 =

    10

>> a = [-2,-1,0,1,2];
>> b = [2, -5, -6,-1,10];
>> plot(x,y)
Undefined function or variable 'y'.

>> plot(a,b)
```

```
>> mean(a)

ans =

     0

>> mean(b)

ans =

     0

>> x = -2:-1:0:1:2;
>> y = 3*x.^2+2*x-6;
>> plot(x,y)
>> plot(x,y)
>> p = -2:0.1:2;
>> q = 3*p.^2+2*p-6;
>> plot(p,q)
>> j = -2:-1:0:1:2;
>> l = 3*j.^2+2*j-6;
>> plot(j,l)
>> j = -2:0:2;
>> l = 3*j.^2+2*j-6;
>> plot(j,l)
>> h = [ 2 1 8 9]

h =

     2     1     8     9

>> v = h'

v =

     2
     1
     8
     9

>> plot(v,h)
>> v = 5 8 9 0
 v = 5 8 9 0
       ↑
Error: Invalid expression. Check for missing multiplication operator, missing or ↙
unbalanced delimiters,
or other syntax error. To construct matrices, use brackets instead of parentheses.

>> v = [5 8 9 0]
```

```
v =

     5     8     9     0

>> plot(v,h)
>> plot(v,h,'m:s')
>> plot(v,h,'g--*')
>> plot(v,h,'r-')
>> vlabel('time[s]')
Undefined function or variable 'vlabel'.

>> v = xlabel('time[s]')

v =

  Text (time[s]) with properties:

               String: 'time[s]'
             FontSize: 11
           FontWeight: 'normal'
             FontName: 'Helvetica'
                Color: [0.1500 0.1500 0.1500]
  HorizontalAlignment: 'center'
             Position: [4.5000 0.4517 -1]
                Units: 'data'

  Show all properties

>> h = ylabel('amplitude');
>> price = [3, 4; 5, 6; 2, 9]

price =

     3     4
     5     6
     2     9

>> quantity = [ 100, 200; 200, 300; 400, 500]

quantity =

   100   200
   200   300
   400   500

>> taxes = 1.50

taxes =
```

```
     1.5000

>> totalCost = ((price*qunatity)*taxes)
Undefined function or variable 'qunatity'.

Did you mean:
>> totalCost = ((price*quantity)*taxes);
Error using  *
Incorrect dimensions for matrix multiplication. Check that the number of columns in ↙
the first matrix
matches the number of rows in the second matrix. To perform elementwise ↙
multiplication, use '.*'.

>> totalCost = ((price.*quantity)*taxes);
>> totalCost

totalCost =

          450          1200
         1500          2700
         1200          6750

>> s = [18 , 20, 30 , 28, 30, 35; 40, 84, 30, 50, 40; 21, 34, 54, 32, 98; 23, 43, 20, ↙
40, 50]
Dimensions of arrays being concatenated are not consistent.

>> s = [18 , 20, 30 , 28, 30; 40, 84, 30, 50, 40; 21, 34, 54, 32, 98; 23, 43, 20, 40, ↙
50]

s =

    18    20    30    28    30
    40    84    30    50    40
    21    34    54    32    98
    23    43    20    40    50

>> data = s(3,3)

data =

    54

>> x= rows[1 3];
 x= rows[1 3];
        ↑
Error: Invalid expression. When calling a function or indexing a variable, use ↙
parentheses. Otherwise,
check for mismatched delimiters.
```

```
>> rows = [1 3];
>> rows = s[1 3];
 rows = s[1 3];
         ↑
Error: Invalid expression. When calling a function or indexing a variable, use ↙
parentheses. Otherwise,
check for mismatched delimiters.

>> x

x =

  1×0 empty double row vector

>> s

s =

    18    20    30    28    30
    40    84    30    50    40
    21    34    54    32    98
    23    43    20    40    50

>>
```