```
>> %Array: adalah tipe data khusus yang ada pada matlab
>> a = {'jawir'; 'usia';'alamat';'kerjaan'}

a =

    'jawir'
    'usia'
    'alamat'
    'kerjaan'

>> a = {'jawir'; 'usia 1,5 hari';'alamat bawah rindang';'kerjaan ngibulin jimmy'}

a =

    'jawir'
    'usia 1,5 hari'
    'alamat bawah rindang'
    'kerjaan ngibulin jimmy'

>> a (2)

ans =

    'usia 1,5 hari'

>> b = {'ju' 'pejuang'}

b =

    'ju'    'pejuang'

>> load('Array_CW.mat')
>> c = [1 2 3 4 5]

c =

     1     2     3     4     5

>> d = [1 2 3 4 5; 2 3 4 5 6; 12 12 11 1 1]

d =

     1     2     3     4     5
     2     3     4     5     6
    12    12    11     1     1

>> e = [1 2 3; 4 5 6; 7 8 9]

e =

     1     2     3
```

```
     4     5     6
     7     8     9

>> e(2:2)

ans =

     4

>> e[2:2]
 e[2:2]
  |
Error: Unbalanced or unexpected
parenthesis or bracket.

>> e(2:3)

ans =

     4     7

>> e(3)

ans =

     7

>> e(2,3)

ans =

     6

>> e(2,2)

ans =

     5

>> e(2,:,2)
Index exceeds matrix dimensions.

>> e(2,:,1)

ans =

     4     5     6

>> e(2,:)

ans =
```

```
     4     5     6

>> e(:,:)

ans =

     1     2     3
     4     5     6
     7     8     9

>> e(:,2)

ans =

     2
     5
     8

>> c

c =

     1     2     3     4     5

>> length(c)

ans =

     5

>> c1 = [5 4 3 2 1]

c1 =

     5     4     3     2     1

>> c + c1

ans =

     6     6     6     6     6

>> c - c1

ans =

    -4    -2     0     2     4

>> c / c1
```

```
ans =

    0.6364

>> c * c1
Error using  *
Inner matrix dimensions must agree.

>> c * c1'

ans =

    35

>> c1'

ans =

     5
     4
     3
     2
     1

>> c^cl
Undefined function or variable 'cl'.

>> c^c1
Error using  ^
Inputs must be a scalar and a square
matrix.
To compute elementwise POWER, use POWER
(.^) instead.

>> c^c1'
Error using  ^
Inputs must be a scalar and a square
matrix.
To compute elementwise POWER, use POWER
(.^) instead.

>> c^.c1'
 c^.c1'
    |
Error: Unexpected MATLAB operator.

>> c^.c1
 c^.c1
    |
Error: Unexpected MATLAB operator.
```

```
>> c.^c1

ans =

     1    16    27    16     5

>> c.^c1'

ans =

     1
    16
    27
    16
     5

>> c

c =

     1     2     3     4     5

>> sub_c= c(2:4)

sub_c =

     2     3     4

>> m1 = [1 2]

m1 =

     1     2

>> m1 = [1 2; 3 4]

m1 =

     1     2
     3     4

>> m2 = [3 4; 1 2]

m2 =

     3     4
     1     2

>> m2*m1

ans =
```

```
    15    22
     7    10

>> 10*m1

ans =

    10    20
    30    40

>> m2/m1

ans =

     0     1
     1     0

>> det(m1)

ans =

    -2

>> h = [1 2 3 4 5; 1 2 3 4 5; 1 2 3 4 5; 1 2 3 4 5]

h =

     1     2     3     4     5
     1     2     3     4     5
     1     2     3     4     5
     1     2     3     4     5

>> h(:,3)=[]

h =

     1     2     4     5
     1     2     4     5
     1     2     4     5
     1     2     4     5

>> h(3,;)=[]
 h(3,;)=[]
     |
Error: Unbalanced or unexpected
parenthesis or bracket.

>> h(3,:)=[]

h =
```

```
     1     2     4     5
     1     2     4     5
     1     2     4     5

>> det(h)
Error using det
Matrix must be square.

>> inv(ml)
Undefined function or variable 'ml'.

>> inv(m1)

ans =

   -2.0000    1.0000
    1.5000   -0.5000

>> adjoint(m1)
Undefined function 'adjoint' for input
arguments of type 'double'.

>>
```