```
fprintf ('\n*********************************************\n')
fprintf ('*  Name:  Liam Thacker   Date:  09/27/18     *\n')
fprintf ('*  Seat/Table:  Q    File: Class_17_App.m     *\n')
fprintf ('*  Instructor:  Parris 10:20                   *\n')
fprintf ('*********************************************\n')


A = [4 8 12 16 20 24]
B = [4:4:24]
C = linspace(4,24,6)
for k =1:1:6
    D(k)=k*4;


end
D

E  = [1,2,3;1,2,3;1,2,3]
F = [1,2,3]
G = [F;F;F]
H = [1;2;3]
I = [H,H,H]
x=0;
J = load('Class17_watts.txt');
for i = 1:1:length('Class17_watts.txt')
    x=x + J(i);



end
average = x/length('Class17_watts.txt')
fprintf('\nThe 15th data point is %3.1f', J(15))
```

```
*********************************************
*  Name:  Liam Thacker   Date:  09/27/18     *
*  Seat/Table:  Q    File: Class_17_App.m     *
*  Instructor:  Parris 10:20                   *
*********************************************

A =

     4     8    12    16    20    24


B =

     4     8    12    16    20    24


C =
```

```
     4     8    12    16    20    24

D =

     4     8    12    16    20    24

E =

     1     2     3
     1     2     3
     1     2     3

F =

     1     2     3

G =

     1     2     3
     1     2     3
     1     2     3

H =

     1
     2
     3

I =

     1     1     1
     2     2     2
     3     3     3

average =

   2.0060e+03

The 15th data point is 2600.3
```

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