

1.

```
>> Variable_Assign
0.636364
19.739209
1.414214
2.595106e-07
```

2.

```
>> Celsius_to_Fahrenheit
98.600000
```

3.

```
>> Vector_assign

      2      4      6      8     10

0.5000    1.0000    1.5000    2.0000    2.5000

1.0000    0.5000    0.3333    0.2500    0.2000

1.0000    0.2500    0.1111    0.0625    0.0400
```

4.

```
>> identity
      0    -1.0000
0.5000    0.5000
```

5.

```
>> sub_matrix
0.4173    0.4893    0.7803    0.1320    0.2348
0.0497    0.3377    0.3897    0.9421    0.3532
0.9027    0.9001    0.2417    0.9561    0.8212
0.9448    0.3692    0.4039    0.5752    0.0154
0.4909    0.1112    0.0965    0.0598    0.0430
```

Extracting Sub-matrix

```
0.7803    0.1320    0.2348
0.3897    0.9421    0.3532
0.2417    0.9561    0.8212
```