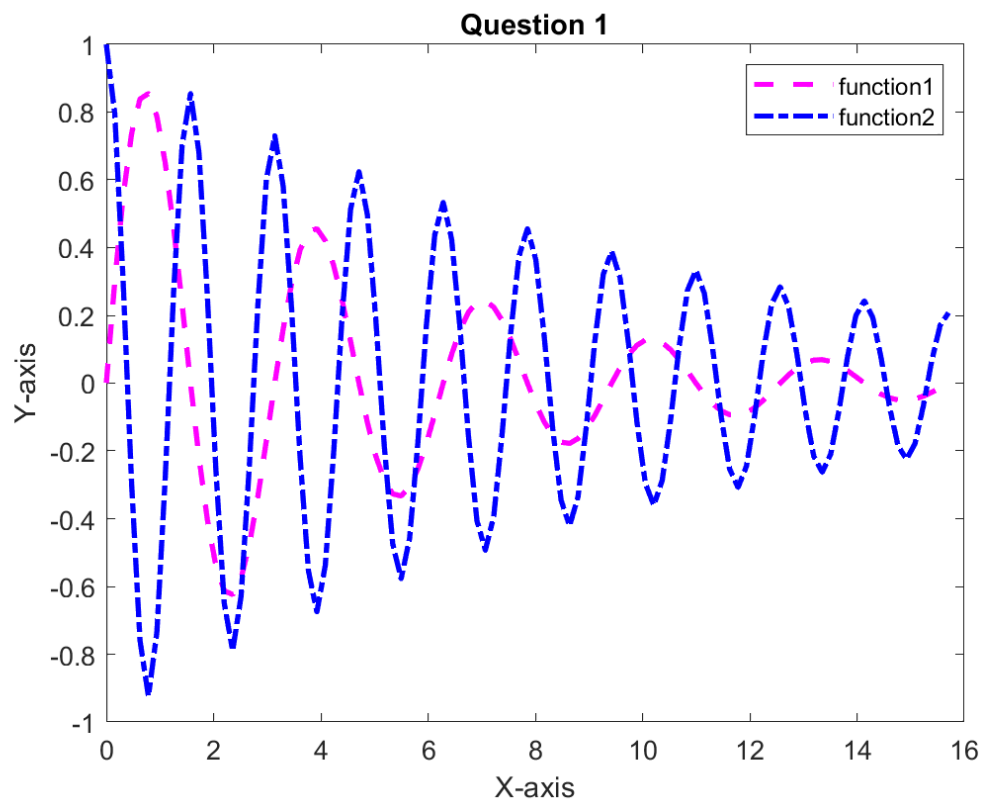
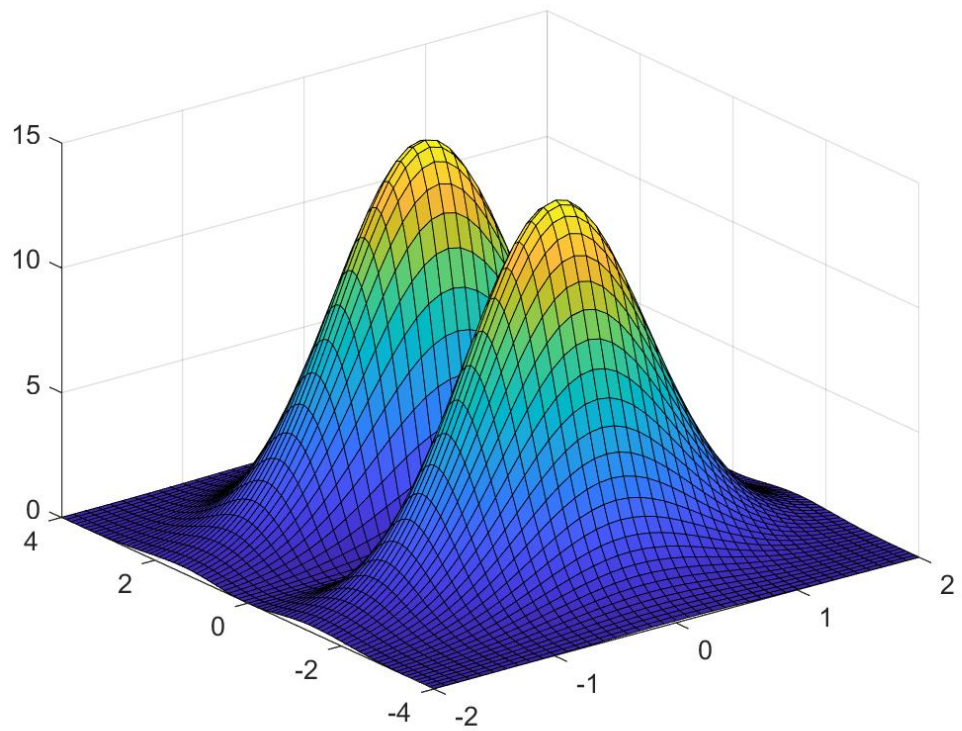


1.



2.



3.

```
y =
Columns 1 through 10
 59.9870  57.4173  54.9076  52.4579  50.0682  47.7385  45.4688  43.2591  41.1094  39.0197
Columns 11 through 20
 36.9900  35.0203  33.1106  31.2609  29.4712  27.7415  26.0718  24.4621  22.9124  21.4227
Columns 21 through 30
 19.9930  18.6233  17.3136  16.0639  14.8742  13.7445  12.6748  11.6651  10.7154  9.8257
Columns 31 through 40
 8.9960  8.2263  7.5166  6.8669  6.2772  5.7475  5.2778  4.8681  4.5184  4.2287
Columns 41 through 50
 3.9990  3.8293  3.7196  3.6699  3.6802  3.7505  3.8808  4.0711  4.3214  4.6317
Columns 51 through 60
 5.0020  5.4323  5.9226  6.4729  7.0832  7.7535  8.4838  9.2741  10.1244  11.0347
Columns 61 through 70
 12.0050  13.0353  14.1256  15.2759  16.4862  17.7565  19.0868  20.4771  21.9274  23.4377
Columns 71 through 80
 25.0080  26.6383  28.3286  30.0789  31.8892  33.7595  35.6898  37.6801  39.7304  41.8407
Columns 81 through 90
 44.0110  46.2413  48.5316  50.8819  53.2922  55.7625  58.2928  60.8831  63.5334  66.2437
Columns 91 through 100
 69.0140  71.8443  74.7346  77.6849  80.6952  83.7655  86.8958  90.0861  93.3364  96.6467
Column 101
100.0170
```

4.

Take $f(x) = x^3 + x - 3$

Initial guess: 10

```
6.6545  298.3295
4.4256   88.1047
2.9512   25.6556
2.0055    7.0722
1.4643    1.6040
1.2485    0.1945
1.2142    0.0044
1.2134    0.0000
1.2134    0.0000
1.2134   -0.0000
```

Zero found at

```
1.2134
```