```
>> Q3_c

a =

    0.4207
    0.4007
    0.0951
    0.4967
    1.0822
    0.9704
   -0.5686
    0.8100


af =

   3.7073 + 0.0000i
  -0.8429 - 0.0393i
   1.9764 - 0.0645i
  -0.4802 + 1.2881i
  -1.6483 + 0.0000i
  -0.4802 - 1.2881i
   1.9764 + 0.0645i
  -0.8429 + 0.0393i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 7)

b =

    0.9704
   -0.5686
    0.8100
    0.4207
    0.4007
    0.0951
    0.4967
    1.0822


bf =

   3.7073 + 0.0000i
   0.5682 + 0.6238i
   0.0645 + 1.9764i
   0.5712 + 1.2504i
   1.6483 + 0.0000i
   0.5712 - 1.2504i
```

```
   0.0645 - 1.9764i
   0.5682 - 0.6238i


nn =

     0
     1
     2
     3
     4
     5
     6
     7


delay =

   1.0000 + 0.0000i
  -0.7071 + 0.7071i
  -0.0000 - 1.0000i
   0.7071 + 0.7071i
  -1.0000 + 0.0000i
   0.7071 - 0.7071i
   0.0000 + 1.0000i
  -0.7071 - 0.7071i


afa =

   3.7073 + 0.0000i
  -0.8429 - 0.0393i
   1.9764 - 0.0645i
  -0.4802 + 1.2881i
  -1.6483 + 0.0000i
  -0.4802 - 1.2881i
   1.9764 + 0.0645i
  -0.8429 + 0.0393i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 22)
>> Q3_c

a =

    0.1732
   -0.5055
   -1.1933
```

```
    0.6470
   -0.3536
    0.0464
   -0.7929
   -1.5505


af =

  -3.5293 + 0.0000i
  -1.4173 - 0.7632i
   1.8059 - 0.4444i
   2.4710 - 1.5639i
  -0.8040 + 0.0000i
   2.4710 + 1.5639i
   1.8059 + 0.4444i
  -1.4173 + 0.7632i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 7)

b =

   -1.1933
    0.6470
   -0.3536
    0.0464
   -0.7929
   -1.5505
    0.1732
   -0.5055


bf =

  -3.5293 + 0.0000i
   0.7632 - 1.4173i
  -1.8059 + 0.4444i
  -1.5639 - 2.4710i
  -0.8040 + 0.0000i
  -1.5639 + 2.4710i
  -1.8059 - 0.4444i
   0.7632 + 1.4173i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 13)
```

```
>> Q3_c

a =

    0.1716
   -0.0621
    1.1990
    0.8017
    1.0533
   -0.7489
   -0.9363
   -1.2691


af =

   0.2092 + 0.0000i
  -1.8604 - 4.0852i
   0.9622 + 0.3436i
   0.0970 + 0.1855i
   2.7660 + 0.0000i
   0.0970 - 0.1855i
   0.9622 - 0.3436i
  -1.8604 + 4.0852i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 7)

b =

    1.1990
    0.8017
    1.0533
   -0.7489
   -0.9363
   -1.2691
    0.1716
   -0.0621


bf =

   0.2092 + 0.0000i
   4.0852 - 1.8604i
  -0.9622 - 0.3436i
   0.1855 - 0.0970i
   2.7660 + 0.0000i
   0.1855 + 0.0970i
```

```
  -0.9622 + 0.3436i
   4.0852 + 1.8604i


nn =

     0
     1
     2
     3
     4
     5
     6
     7


delay =

   1.0000 + 0.0000i
   0.0000 - 1.0000i
  -1.0000 - 0.0000i
  -0.0000 + 1.0000i
   1.0000 + 0.0000i
   0.0000 - 1.0000i
  -1.0000 - 0.0000i
  -0.0000 + 1.0000i


afa =

   0.2092 + 0.0000i
  -1.8604 - 4.0852i
   0.9622 + 0.3436i
   0.0970 + 0.1855i
   2.7660 + 0.0000i
   0.0970 - 0.1855i
   0.9622 - 0.3436i
  -1.8604 + 4.0852i

Warning: Using only the real component of complex data.
> In matlab.graphics.chart.internal.getRealData (line 52)
In stem (line 40)
In Q3_c (line 24)
>>
```