

```
disp('Nicolas Cedillo')
Nicolas Cedillo
disp('NRC: 7543')
NRC: 7543
date
```

```
ans =
```

```
    '09-Nov-2021'
```

```
clock
```

```
ans =
```

```
    1.0e+03 *
```

```
    2.0210    0.0110    0.0090    0.0090    0.0390    0.0237
```

```
estudiante(1)=struct('primer apellido','Cedillo','segundo
apellido','Paz','carrera','Ingenieria de software','nivel',5)
{ Error using <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('str
uct')" style="font-weight:bold">struct</a>
Invalid field name "primer apellido".
}
estudiante(1)=struct('primer_apellido','Cedillo','segundo_apellido','Paz'
,'carrera','Ingenieria_de_software','nivel',5)
```

```
estudiante =
```

```
    <a href="matlab:helpPopup struct" style="font-weight:bold">struct</a>
with fields:
```

```
    primer_apellido: 'Cedillo'
    segundo_apellido: 'Paz'
           carrera: 'Ingenieria_de_software'
           nivel: 5
```

```
estudiante(2)=struct('primer_apellido','Gordon','segundo_apellido','Moya'
,'carrera','Medicina','nivel',3)
```

```
estudiante =
```

```
    1×2 <a href="matlab:helpPopup struct" style="font-
weight:bold">struct</a> array with fields:
```

```
    primer_apellido
    segundo_apellido
    carrera
    nivel
```

```
estudiante(3)=struct('primer_apellido','Gomez','segundo_apellido','Intria
go','carrera','TICs','nivel',7)
```

```
estudiante =
```

```
    1×3 <a href="matlab:helpPopup struct" style="font-
weight:bold">struct</a> array with fields:
```

```
primer_apellido
segundo_apellido
carrera
nivel
```

```
estudiante(4)=struct('primer_apellido','Salcedo','segundo_apellido','Vaca',
','carrera','TICs','nivel',4)
```

```
estudiante =
```

```
1×4 <a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> array with fields:
```

```
primer_apellido
segundo_apellido
carrera
nivel
```

```
estudiante(3)
```

```
ans =
```

```
<a href="matlab:helpPopup struct" style="font-weight:bold">struct</a>
with fields:
```

```
primer_apellido: 'Gomez'
segundo_apellido: 'Intriago'
carrera: 'TICs'
nivel: 7
```

```
estudiante.primer_apellido
```

```
ans =
```

```
'Cedillo'
```

```
ans =
```

```
'Gordon'
```

```
ans =
```

```
'Gomez'
```

```
ans =
```

```
'Salcedo'
```

```
fieldnames(estudiante)
```

```
ans =
```

```
4×1 <a href="matlab:helpPopup cell" style="font-weight:bold">cell</a>
array
```

```

    {'primer_apellido' }
    {'segundo_apellido'}
    {'carrera'          }
    {'nivel'            }

isfield(estudiante,'carrera')

ans =

    <a href="matlab:helpPopup logical" style="font-weight:bold">logical</a>

    1

isstruct(estudiante)

ans =

    <a href="matlab:helpPopup logical" style="font-weight:bold">logical</a>

    1

rmfield(estudiante,'nivel')

ans =

    1×4 <a href="matlab:helpPopup struct" style="font-weight:bold">struct</a> array with fields:

    primer_apellido
    segundo_apellido
    carrera

clc
x=[1:360]

x =

Columns 1 through 11

     1     2     3     4     5     6     7     8     9    10    11

Columns 12 through 22

    12    13    14    15    16    17    18    19    20    21    22

Columns 23 through 33

    23    24    25    26    27    28    29    30    31    32    33

Columns 34 through 44

    34    35    36    37    38    39    40    41    42    43    44

Columns 45 through 55

    45    46    47    48    49    50    51    52    53    54    55

```

Columns 56 through 66

56	57	58	59	60	61	62	63	64	65	66
----	----	----	----	----	----	----	----	----	----	----

Columns 67 through 77

67	68	69	70	71	72	73	74	75	76	77
----	----	----	----	----	----	----	----	----	----	----

Columns 78 through 88

78	79	80	81	82	83	84	85	86	87	88
----	----	----	----	----	----	----	----	----	----	----

Columns 89 through 99

89	90	91	92	93	94	95	96	97	98	99
----	----	----	----	----	----	----	----	----	----	----

Columns 100 through 110

100	101	102	103	104	105	106	107	108	109	110
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 111 through 121

111	112	113	114	115	116	117	118	119	120	121
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 122 through 132

122	123	124	125	126	127	128	129	130	131	132
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 133 through 143

133	134	135	136	137	138	139	140	141	142	143
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 144 through 154

144	145	146	147	148	149	150	151	152	153	154
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 155 through 165

155	156	157	158	159	160	161	162	163	164	165
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 166 through 176

166	167	168	169	170	171	172	173	174	175	176
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 177 through 187

177	178	179	180	181	182	183	184	185	186	187
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 188 through 198

188	189	190	191	192	193	194	195	196	197	198
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 199 through 209

199	200	201	202	203	204	205	206	207	208	209
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 210 through 220

210	211	212	213	214	215	216	217	218	219	220
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 221 through 231

221	222	223	224	225	226	227	228	229	230	231
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 232 through 242

232	233	234	235	236	237	238	239	240	241	242
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 243 through 253

243	244	245	246	247	248	249	250	251	252	253
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 254 through 264

254	255	256	257	258	259	260	261	262	263	264
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 265 through 275

265	266	267	268	269	270	271	272	273	274	275
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 276 through 286

276	277	278	279	280	281	282	283	284	285	286
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 287 through 297

287	288	289	290	291	292	293	294	295	296	297
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 298 through 308

298	299	300	301	302	303	304	305	306	307	308
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 309 through 319

309	310	311	312	313	314	315	316	317	318	319
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 320 through 330

320	321	322	323	324	325	326	327	328	329	330
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 331 through 341

331	332	333	334	335	336	337	338	339	340	341
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 342 through 352

342	343	344	345	346	347	348	349	350	351	352
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Columns 353 through 360

353	354	355	356	357	358	359	360
-----	-----	-----	-----	-----	-----	-----	-----

y = sin(x)

y =

Columns 1 through 6

0.8415	0.9093	0.1411	-0.7568	-0.9589	-0.2794
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Columns 7 through 12

0.6570	0.9894	0.4121	-0.5440	-1.0000	-0.5366
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Columns 13 through 18

0.4202	0.9906	0.6503	-0.2879	-0.9614	-0.7510
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Columns 19 through 24

0.1499	0.9129	0.8367	-0.0089	-0.8462	-0.9056
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Columns 25 through 30

-0.1324	0.7626	0.9564	0.2709	-0.6636	-0.9880
---------	--------	--------	--------	---------	---------

Columns 31 through 36

-0.4040	0.5514	0.9999	0.5291	-0.4282	-0.9918
---------	--------	--------	--------	---------	---------

Columns 37 through 42

-0.6435	0.2964	0.9638	0.7451	-0.1586	-0.9165
---------	--------	--------	--------	---------	---------

Columns 43 through 48

-0.8318	0.0177	0.8509	0.9018	0.1236	-0.7683
---------	--------	--------	--------	--------	---------

Columns 49 through 54

-0.9538	-0.2624	0.6702	0.9866	0.3959	-0.5588
---------	---------	--------	--------	--------	---------

Columns 55 through 60

-0.9998	-0.5216	0.4362	0.9929	0.6367	-0.3048
---------	---------	--------	--------	--------	---------

Columns 61 through 66

-0.9661	-0.7392	0.1674	0.9200	0.8268	-0.0266
---------	---------	--------	--------	--------	---------

Columns 67 through 72

-0.8555	-0.8979	-0.1148	0.7739	0.9511	0.2538
---------	---------	---------	--------	--------	--------

Columns 73 through 78

-0.6768	-0.9851	-0.3878	0.5661	0.9995	0.5140
---------	---------	---------	--------	--------	--------

Columns 79 through 84

-0.4441	-0.9939	-0.6299	0.3132	0.9684	0.7332
---------	---------	---------	--------	--------	--------

Columns 85 through 90

-0.1761	-0.9235	-0.8218	0.0354	0.8601	0.8940
Columns 91 through 96					
0.1060	-0.7795	-0.9483	-0.2453	0.6833	0.9836
Columns 97 through 102					
0.3796	-0.5734	-0.9992	-0.5064	0.4520	0.9948
Columns 103 through 108					
0.6230	-0.3216	-0.9705	-0.7271	0.1848	0.9268
Columns 109 through 114					
0.8167	-0.0442	-0.8646	-0.8900	-0.0972	0.7850
Columns 115 through 120					
0.9454	0.2367	-0.6897	-0.9820	-0.3714	0.5806
Columns 121 through 126					
0.9988	0.4987	-0.4599	-0.9957	-0.6160	0.3300
Columns 127 through 132					
0.9726	0.7210	-0.1935	-0.9301	-0.8116	0.0531
Columns 133 through 138					
0.8690	0.8859	0.0884	-0.7904	-0.9425	-0.2281
Columns 139 through 144					
0.6961	0.9802	0.3632	-0.5878	-0.9983	-0.4910
Columns 145 through 150					
0.4677	0.9965	0.6090	-0.3383	-0.9746	-0.7149
Columns 151 through 156					
0.2021	0.9333	0.8064	-0.0619	-0.8733	-0.8818
Columns 157 through 162					
-0.0795	0.7958	0.9395	0.2194	-0.7024	-0.9785
Columns 163 through 168					
-0.3549	0.5949	0.9978	0.4833	-0.4756	-0.9972
Columns 169 through 174					
-0.6020	0.3466	0.9766	0.7087	-0.2108	-0.9365

Columns 175 through 180

-0.8011	0.0708	0.8776	0.8776	0.0707	-0.8012
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Columns 181 through 186

-0.9365	-0.2108	0.7087	0.9766	0.3466	-0.6020
---------	---------	--------	--------	--------	---------

Columns 187 through 192

-0.9972	-0.4755	0.4833	0.9978	0.5949	-0.3549
---------	---------	--------	--------	--------	---------

Columns 193 through 198

-0.9785	-0.7024	0.2195	0.9395	0.7958	-0.0796
---------	---------	--------	--------	--------	---------

Columns 199 through 204

-0.8818	-0.8733	-0.0619	0.8064	0.9333	0.2021
---------	---------	---------	--------	--------	--------

Columns 205 through 210

-0.7149	-0.9746	-0.3383	0.6091	0.9965	0.4677
---------	---------	---------	--------	--------	--------

Columns 211 through 216

-0.4910	-0.9983	-0.5878	0.3632	0.9802	0.6961
---------	---------	---------	--------	--------	--------

Columns 217 through 222

-0.2281	-0.9425	-0.7904	0.0884	0.8859	0.8690
---------	---------	---------	--------	--------	--------

Columns 223 through 228

0.0531	-0.8116	-0.9301	-0.1934	0.7211	0.9726
--------	---------	---------	---------	--------	--------

Columns 229 through 234

0.3300	-0.6161	-0.9957	-0.4599	0.4987	0.9988
--------	---------	---------	---------	--------	--------

Columns 235 through 240

0.5806	-0.3714	-0.9820	-0.6897	0.2367	0.9454
--------	---------	---------	---------	--------	--------

Columns 241 through 246

0.7850	-0.0972	-0.8900	-0.8645	-0.0442	0.8168
--------	---------	---------	---------	---------	--------

Columns 247 through 252

0.9268	0.1848	-0.7272	-0.9705	-0.3216	0.6230
--------	--------	---------	---------	---------	--------

Columns 253 through 258

0.9948	0.4520	-0.5064	-0.9992	-0.5734	0.3796
--------	--------	---------	---------	---------	--------

Columns 259 through 264

0.9836	0.6832	-0.2453	-0.9483	-0.7794	0.1060
Columns 265 through 270					
0.8940	0.8601	0.0354	-0.8218	-0.9234	-0.1760
Columns 271 through 276					
0.7332	0.9684	0.3132	-0.6299	-0.9939	-0.4441
Columns 277 through 282					
0.5140	0.9995	0.5661	-0.3878	-0.9852	-0.6767
Columns 283 through 288					
0.2539	0.9511	0.7739	-0.1148	-0.8979	-0.8555
Columns 289 through 294					
-0.0265	0.8268	0.9200	0.1673	-0.7392	-0.9661
Columns 295 through 300					
-0.3048	0.6368	0.9929	0.4361	-0.5216	-0.9998
Columns 301 through 306					
-0.5588	0.3960	0.9866	0.6702	-0.2624	-0.9538
Columns 307 through 312					
-0.7682	0.1236	0.9018	0.8509	0.0177	-0.8318
Columns 313 through 318					
-0.9165	-0.1586	0.7451	0.9638	0.2963	-0.6436
Columns 319 through 324					
-0.9918	-0.4282	0.5291	0.9999	0.5514	-0.4041
Columns 325 through 330					
-0.9880	-0.6636	0.2709	0.9564	0.7625	-0.1324
Columns 331 through 336					
-0.9056	-0.8462	-0.0088	0.8367	0.9129	0.1498
Columns 337 through 342					
-0.7510	-0.9614	-0.2879	0.6503	0.9906	0.4201
Columns 343 through 348					
-0.5366	-1.0000	-0.5440	0.4121	0.9894	0.6570

Columns 349 through 354

-0.2794	-0.9589	-0.7568	0.1411	0.9093	0.8415
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Columns 355 through 360

-0.0000	-0.8415	-0.9093	-0.1411	0.7568	0.9589
---------	---------	---------	---------	--------	--------

y = sind(x)

y =

Columns 1 through 6

0.0175	0.0349	0.0523	0.0698	0.0872	0.1045
--------	--------	--------	--------	--------	--------

Columns 7 through 12

0.1219	0.1392	0.1564	0.1736	0.1908	0.2079
--------	--------	--------	--------	--------	--------

Columns 13 through 18

0.2250	0.2419	0.2588	0.2756	0.2924	0.3090
--------	--------	--------	--------	--------	--------

Columns 19 through 24

0.3256	0.3420	0.3584	0.3746	0.3907	0.4067
--------	--------	--------	--------	--------	--------

Columns 25 through 30

0.4226	0.4384	0.4540	0.4695	0.4848	0.5000
--------	--------	--------	--------	--------	--------

Columns 31 through 36

0.5150	0.5299	0.5446	0.5592	0.5736	0.5878
--------	--------	--------	--------	--------	--------

Columns 37 through 42

0.6018	0.6157	0.6293	0.6428	0.6561	0.6691
--------	--------	--------	--------	--------	--------

Columns 43 through 48

0.6820	0.6947	0.7071	0.7193	0.7314	0.7431
--------	--------	--------	--------	--------	--------

Columns 49 through 54

0.7547	0.7660	0.7771	0.7880	0.7986	0.8090
--------	--------	--------	--------	--------	--------

Columns 55 through 60

0.8192	0.8290	0.8387	0.8480	0.8572	0.8660
--------	--------	--------	--------	--------	--------

Columns 61 through 66

0.8746	0.8829	0.8910	0.8988	0.9063	0.9135
--------	--------	--------	--------	--------	--------

Columns 67 through 72

0.9205	0.9272	0.9336	0.9397	0.9455	0.9511
Columns 73 through 78					
0.9563	0.9613	0.9659	0.9703	0.9744	0.9781
Columns 79 through 84					
0.9816	0.9848	0.9877	0.9903	0.9925	0.9945
Columns 85 through 90					
0.9962	0.9976	0.9986	0.9994	0.9998	1.0000
Columns 91 through 96					
0.9998	0.9994	0.9986	0.9976	0.9962	0.9945
Columns 97 through 102					
0.9925	0.9903	0.9877	0.9848	0.9816	0.9781
Columns 103 through 108					
0.9744	0.9703	0.9659	0.9613	0.9563	0.9511
Columns 109 through 114					
0.9455	0.9397	0.9336	0.9272	0.9205	0.9135
Columns 115 through 120					
0.9063	0.8988	0.8910	0.8829	0.8746	0.8660
Columns 121 through 126					
0.8572	0.8480	0.8387	0.8290	0.8192	0.8090
Columns 127 through 132					
0.7986	0.7880	0.7771	0.7660	0.7547	0.7431
Columns 133 through 138					
0.7314	0.7193	0.7071	0.6947	0.6820	0.6691
Columns 139 through 144					
0.6561	0.6428	0.6293	0.6157	0.6018	0.5878
Columns 145 through 150					
0.5736	0.5592	0.5446	0.5299	0.5150	0.5000
Columns 151 through 156					
0.4848	0.4695	0.4540	0.4384	0.4226	0.4067

Columns 157 through 162

0.3907	0.3746	0.3584	0.3420	0.3256	0.3090
--------	--------	--------	--------	--------	--------

Columns 163 through 168

0.2924	0.2756	0.2588	0.2419	0.2250	0.2079
--------	--------	--------	--------	--------	--------

Columns 169 through 174

0.1908	0.1736	0.1564	0.1392	0.1219	0.1045
--------	--------	--------	--------	--------	--------

Columns 175 through 180

0.0872	0.0698	0.0523	0.0349	0.0175	0
--------	--------	--------	--------	--------	---

Columns 181 through 186

-0.0175	-0.0349	-0.0523	-0.0698	-0.0872	-0.1045
---------	---------	---------	---------	---------	---------

Columns 187 through 192

-0.1219	-0.1392	-0.1564	-0.1736	-0.1908	-0.2079
---------	---------	---------	---------	---------	---------

Columns 193 through 198

-0.2250	-0.2419	-0.2588	-0.2756	-0.2924	-0.3090
---------	---------	---------	---------	---------	---------

Columns 199 through 204

-0.3256	-0.3420	-0.3584	-0.3746	-0.3907	-0.4067
---------	---------	---------	---------	---------	---------

Columns 205 through 210

-0.4226	-0.4384	-0.4540	-0.4695	-0.4848	-0.5000
---------	---------	---------	---------	---------	---------

Columns 211 through 216

-0.5150	-0.5299	-0.5446	-0.5592	-0.5736	-0.5878
---------	---------	---------	---------	---------	---------

Columns 217 through 222

-0.6018	-0.6157	-0.6293	-0.6428	-0.6561	-0.6691
---------	---------	---------	---------	---------	---------

Columns 223 through 228

-0.6820	-0.6947	-0.7071	-0.7193	-0.7314	-0.7431
---------	---------	---------	---------	---------	---------

Columns 229 through 234

-0.7547	-0.7660	-0.7771	-0.7880	-0.7986	-0.8090
---------	---------	---------	---------	---------	---------

Columns 235 through 240

-0.8192	-0.8290	-0.8387	-0.8480	-0.8572	-0.8660
---------	---------	---------	---------	---------	---------

Columns 241 through 246

-0.8746	-0.8829	-0.8910	-0.8988	-0.9063	-0.9135
Columns 247 through 252					
-0.9205	-0.9272	-0.9336	-0.9397	-0.9455	-0.9511
Columns 253 through 258					
-0.9563	-0.9613	-0.9659	-0.9703	-0.9744	-0.9781
Columns 259 through 264					
-0.9816	-0.9848	-0.9877	-0.9903	-0.9925	-0.9945
Columns 265 through 270					
-0.9962	-0.9976	-0.9986	-0.9994	-0.9998	-1.0000
Columns 271 through 276					
-0.9998	-0.9994	-0.9986	-0.9976	-0.9962	-0.9945
Columns 277 through 282					
-0.9925	-0.9903	-0.9877	-0.9848	-0.9816	-0.9781
Columns 283 through 288					
-0.9744	-0.9703	-0.9659	-0.9613	-0.9563	-0.9511
Columns 289 through 294					
-0.9455	-0.9397	-0.9336	-0.9272	-0.9205	-0.9135
Columns 295 through 300					
-0.9063	-0.8988	-0.8910	-0.8829	-0.8746	-0.8660
Columns 301 through 306					
-0.8572	-0.8480	-0.8387	-0.8290	-0.8192	-0.8090
Columns 307 through 312					
-0.7986	-0.7880	-0.7771	-0.7660	-0.7547	-0.7431
Columns 313 through 318					
-0.7314	-0.7193	-0.7071	-0.6947	-0.6820	-0.6691
Columns 319 through 324					
-0.6561	-0.6428	-0.6293	-0.6157	-0.6018	-0.5878
Columns 325 through 330					
-0.5736	-0.5592	-0.5446	-0.5299	-0.5150	-0.5000

Columns 331 through 336

-0.4848	-0.4695	-0.4540	-0.4384	-0.4226	-0.4067
---------	---------	---------	---------	---------	---------

Columns 337 through 342

-0.3907	-0.3746	-0.3584	-0.3420	-0.3256	-0.3090
---------	---------	---------	---------	---------	---------

Columns 343 through 348

-0.2924	-0.2756	-0.2588	-0.2419	-0.2250	-0.2079
---------	---------	---------	---------	---------	---------

Columns 349 through 354

-0.1908	-0.1736	-0.1564	-0.1392	-0.1219	-0.1045
---------	---------	---------	---------	---------	---------

Columns 355 through 360

-0.0872	-0.0698	-0.0523	-0.0349	-0.0175	0
---------	---------	---------	---------	---------	---

z = cosd(x)

z =

Columns 1 through 6

0.9998	0.9994	0.9986	0.9976	0.9962	0.9945
--------	--------	--------	--------	--------	--------

Columns 7 through 12

0.9925	0.9903	0.9877	0.9848	0.9816	0.9781
--------	--------	--------	--------	--------	--------

Columns 13 through 18

0.9744	0.9703	0.9659	0.9613	0.9563	0.9511
--------	--------	--------	--------	--------	--------

Columns 19 through 24

0.9455	0.9397	0.9336	0.9272	0.9205	0.9135
--------	--------	--------	--------	--------	--------

Columns 25 through 30

0.9063	0.8988	0.8910	0.8829	0.8746	0.8660
--------	--------	--------	--------	--------	--------

Columns 31 through 36

0.8572	0.8480	0.8387	0.8290	0.8192	0.8090
--------	--------	--------	--------	--------	--------

Columns 37 through 42

0.7986	0.7880	0.7771	0.7660	0.7547	0.7431
--------	--------	--------	--------	--------	--------

Columns 43 through 48

0.7314	0.7193	0.7071	0.6947	0.6820	0.6691
--------	--------	--------	--------	--------	--------

Columns 49 through 54

0.6561	0.6428	0.6293	0.6157	0.6018	0.5878
Columns 55 through 60					
0.5736	0.5592	0.5446	0.5299	0.5150	0.5000
Columns 61 through 66					
0.4848	0.4695	0.4540	0.4384	0.4226	0.4067
Columns 67 through 72					
0.3907	0.3746	0.3584	0.3420	0.3256	0.3090
Columns 73 through 78					
0.2924	0.2756	0.2588	0.2419	0.2250	0.2079
Columns 79 through 84					
0.1908	0.1736	0.1564	0.1392	0.1219	0.1045
Columns 85 through 90					
0.0872	0.0698	0.0523	0.0349	0.0175	0
Columns 91 through 96					
-0.0175	-0.0349	-0.0523	-0.0698	-0.0872	-0.1045
Columns 97 through 102					
-0.1219	-0.1392	-0.1564	-0.1736	-0.1908	-0.2079
Columns 103 through 108					
-0.2250	-0.2419	-0.2588	-0.2756	-0.2924	-0.3090
Columns 109 through 114					
-0.3256	-0.3420	-0.3584	-0.3746	-0.3907	-0.4067
Columns 115 through 120					
-0.4226	-0.4384	-0.4540	-0.4695	-0.4848	-0.5000
Columns 121 through 126					
-0.5150	-0.5299	-0.5446	-0.5592	-0.5736	-0.5878
Columns 127 through 132					
-0.6018	-0.6157	-0.6293	-0.6428	-0.6561	-0.6691
Columns 133 through 138					
-0.6820	-0.6947	-0.7071	-0.7193	-0.7314	-0.7431

Columns 139 through 144

-0.7547	-0.7660	-0.7771	-0.7880	-0.7986	-0.8090
---------	---------	---------	---------	---------	---------

Columns 145 through 150

-0.8192	-0.8290	-0.8387	-0.8480	-0.8572	-0.8660
---------	---------	---------	---------	---------	---------

Columns 151 through 156

-0.8746	-0.8829	-0.8910	-0.8988	-0.9063	-0.9135
---------	---------	---------	---------	---------	---------

Columns 157 through 162

-0.9205	-0.9272	-0.9336	-0.9397	-0.9455	-0.9511
---------	---------	---------	---------	---------	---------

Columns 163 through 168

-0.9563	-0.9613	-0.9659	-0.9703	-0.9744	-0.9781
---------	---------	---------	---------	---------	---------

Columns 169 through 174

-0.9816	-0.9848	-0.9877	-0.9903	-0.9925	-0.9945
---------	---------	---------	---------	---------	---------

Columns 175 through 180

-0.9962	-0.9976	-0.9986	-0.9994	-0.9998	-1.0000
---------	---------	---------	---------	---------	---------

Columns 181 through 186

-0.9998	-0.9994	-0.9986	-0.9976	-0.9962	-0.9945
---------	---------	---------	---------	---------	---------

Columns 187 through 192

-0.9925	-0.9903	-0.9877	-0.9848	-0.9816	-0.9781
---------	---------	---------	---------	---------	---------

Columns 193 through 198

-0.9744	-0.9703	-0.9659	-0.9613	-0.9563	-0.9511
---------	---------	---------	---------	---------	---------

Columns 199 through 204

-0.9455	-0.9397	-0.9336	-0.9272	-0.9205	-0.9135
---------	---------	---------	---------	---------	---------

Columns 205 through 210

-0.9063	-0.8988	-0.8910	-0.8829	-0.8746	-0.8660
---------	---------	---------	---------	---------	---------

Columns 211 through 216

-0.8572	-0.8480	-0.8387	-0.8290	-0.8192	-0.8090
---------	---------	---------	---------	---------	---------

Columns 217 through 222

-0.7986	-0.7880	-0.7771	-0.7660	-0.7547	-0.7431
---------	---------	---------	---------	---------	---------

Columns 223 through 228

-0.7314	-0.7193	-0.7071	-0.6947	-0.6820	-0.6691
Columns 229 through 234					
-0.6561	-0.6428	-0.6293	-0.6157	-0.6018	-0.5878
Columns 235 through 240					
-0.5736	-0.5592	-0.5446	-0.5299	-0.5150	-0.5000
Columns 241 through 246					
-0.4848	-0.4695	-0.4540	-0.4384	-0.4226	-0.4067
Columns 247 through 252					
-0.3907	-0.3746	-0.3584	-0.3420	-0.3256	-0.3090
Columns 253 through 258					
-0.2924	-0.2756	-0.2588	-0.2419	-0.2250	-0.2079
Columns 259 through 264					
-0.1908	-0.1736	-0.1564	-0.1392	-0.1219	-0.1045
Columns 265 through 270					
-0.0872	-0.0698	-0.0523	-0.0349	-0.0175	0
Columns 271 through 276					
0.0175	0.0349	0.0523	0.0698	0.0872	0.1045
Columns 277 through 282					
0.1219	0.1392	0.1564	0.1736	0.1908	0.2079
Columns 283 through 288					
0.2250	0.2419	0.2588	0.2756	0.2924	0.3090
Columns 289 through 294					
0.3256	0.3420	0.3584	0.3746	0.3907	0.4067
Columns 295 through 300					
0.4226	0.4384	0.4540	0.4695	0.4848	0.5000
Columns 301 through 306					
0.5150	0.5299	0.5446	0.5592	0.5736	0.5878
Columns 307 through 312					
0.6018	0.6157	0.6293	0.6428	0.6561	0.6691

Columns 313 through 318

0.6820	0.6947	0.7071	0.7193	0.7314	0.7431
--------	--------	--------	--------	--------	--------

Columns 319 through 324

0.7547	0.7660	0.7771	0.7880	0.7986	0.8090
--------	--------	--------	--------	--------	--------

Columns 325 through 330

0.8192	0.8290	0.8387	0.8480	0.8572	0.8660
--------	--------	--------	--------	--------	--------

Columns 331 through 336

0.8746	0.8829	0.8910	0.8988	0.9063	0.9135
--------	--------	--------	--------	--------	--------

Columns 337 through 342

0.9205	0.9272	0.9336	0.9397	0.9455	0.9511
--------	--------	--------	--------	--------	--------

Columns 343 through 348

0.9563	0.9613	0.9659	0.9703	0.9744	0.9781
--------	--------	--------	--------	--------	--------

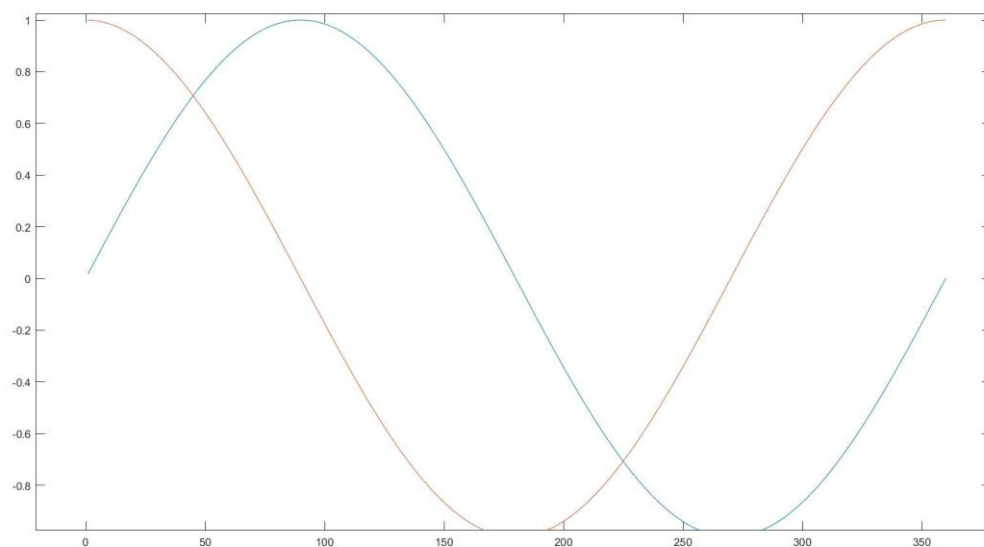
Columns 349 through 354

0.9816	0.9848	0.9877	0.9903	0.9925	0.9945
--------	--------	--------	--------	--------	--------

Columns 355 through 360

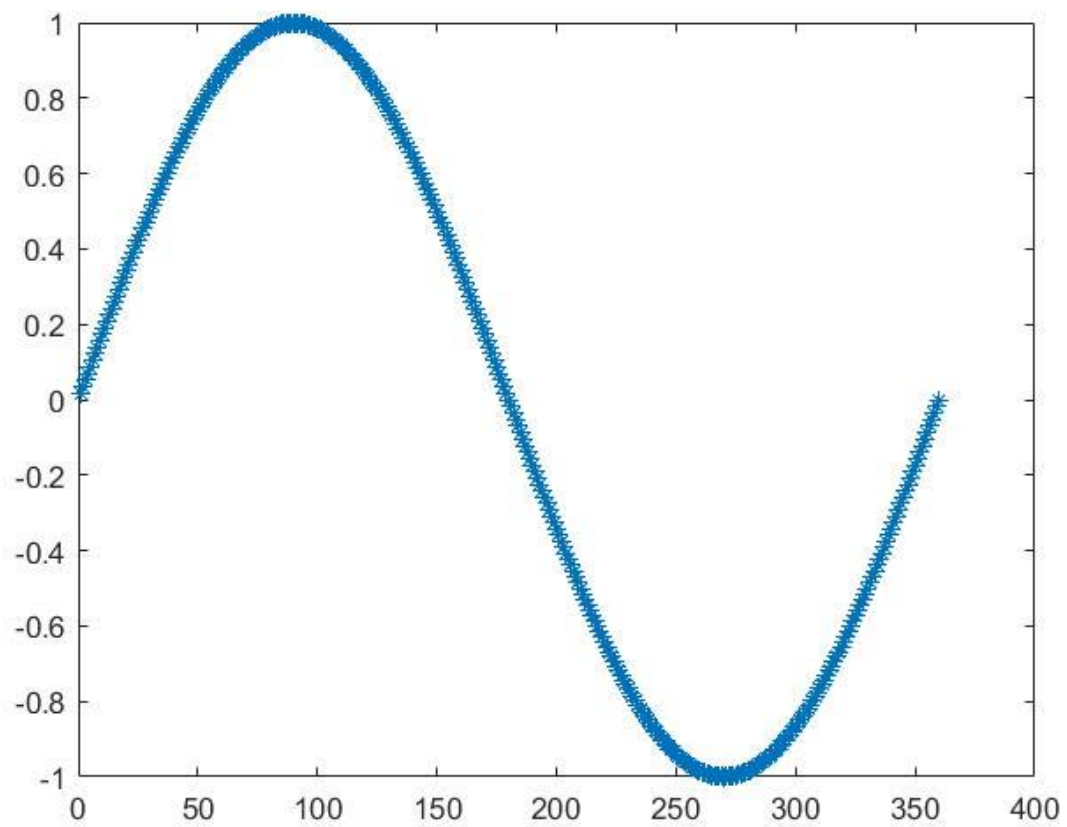
0.9962	0.9976	0.9986	0.9994	0.9998	1.0000
--------	--------	--------	--------	--------	--------

```
plot(x,y,x,z)
disp('Aqui colocar figura 1')
Aqui colocar figura 1
```

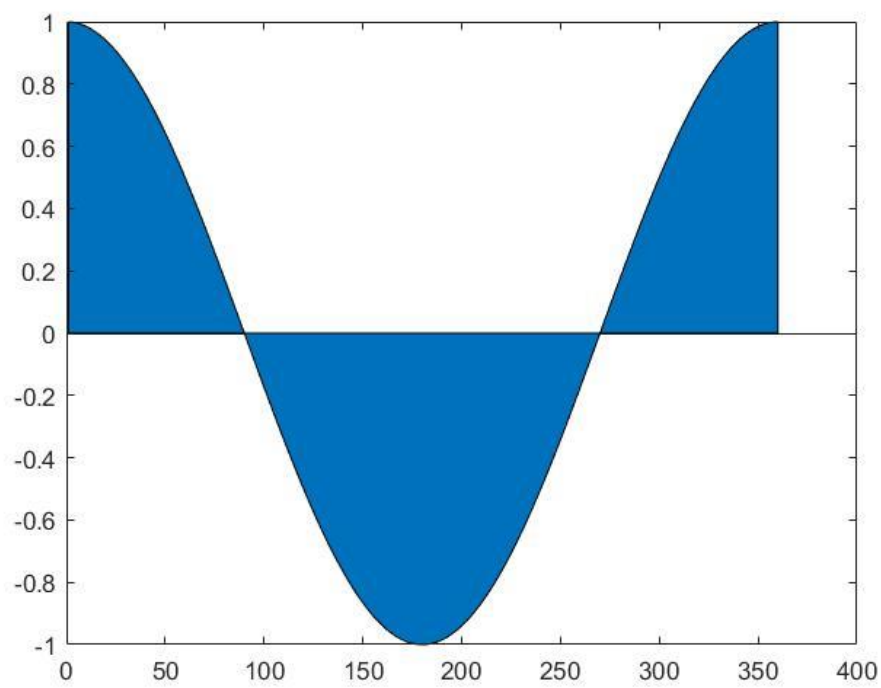


```
plot(x,y,'*')
disp('Aqui colocar figura 2')
```

Aqui colocar figura 2

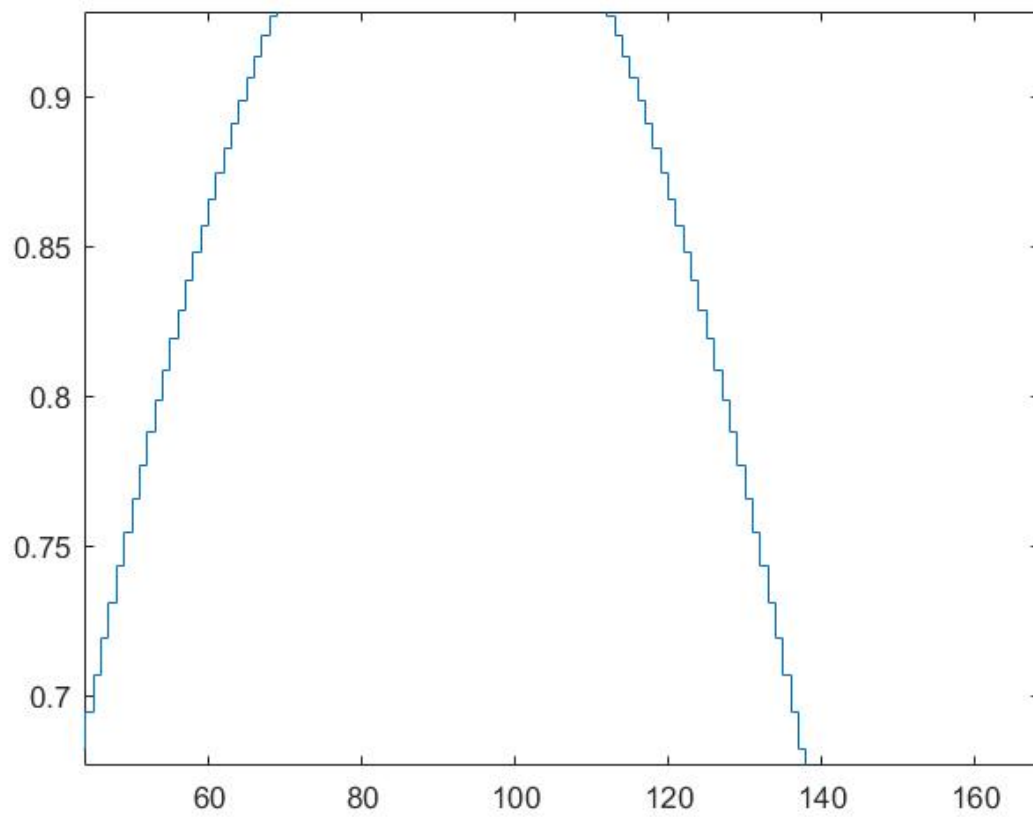


```
area(x,z)
disp('Aqui colocar figura 3')
Aqui colocar figura 3
```

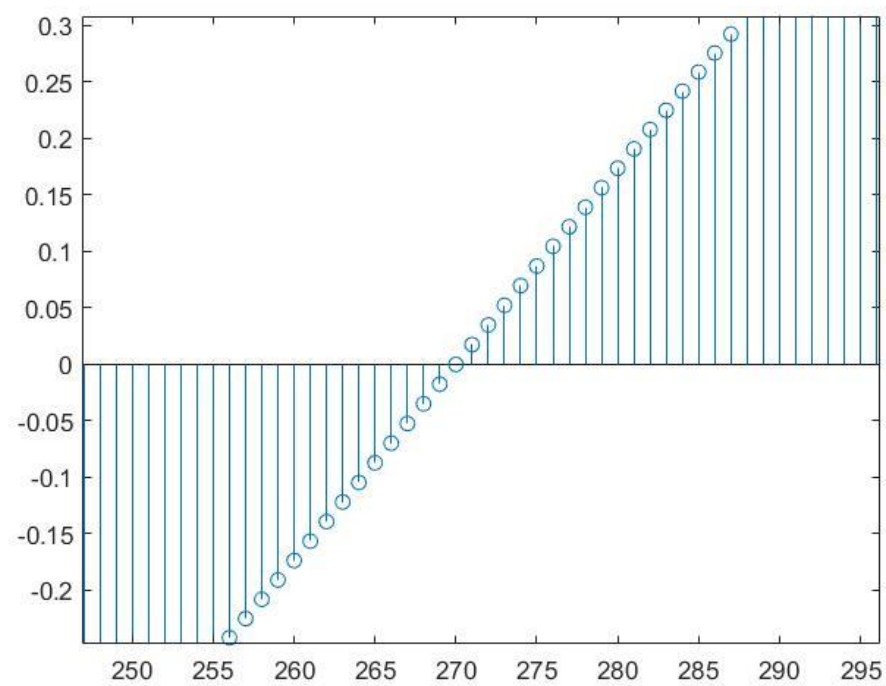


```
stairs(x,y)
```

```
disp('Aqui colocar figura 4')  
Aqui colocar figura 4
```



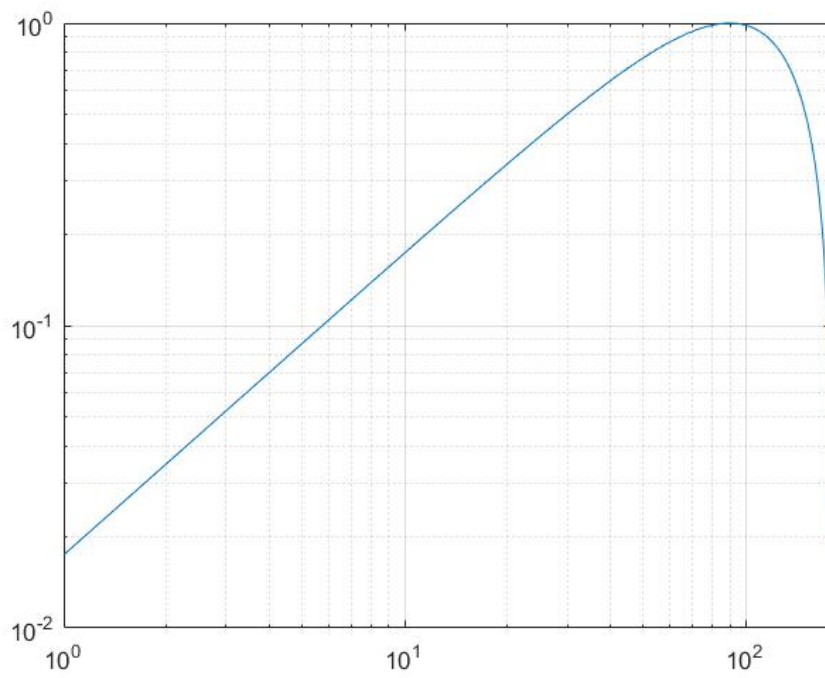
```
stem(x,z)  
disp('Aqui colocar figura 5')  
Aqui colocar figura 5
```



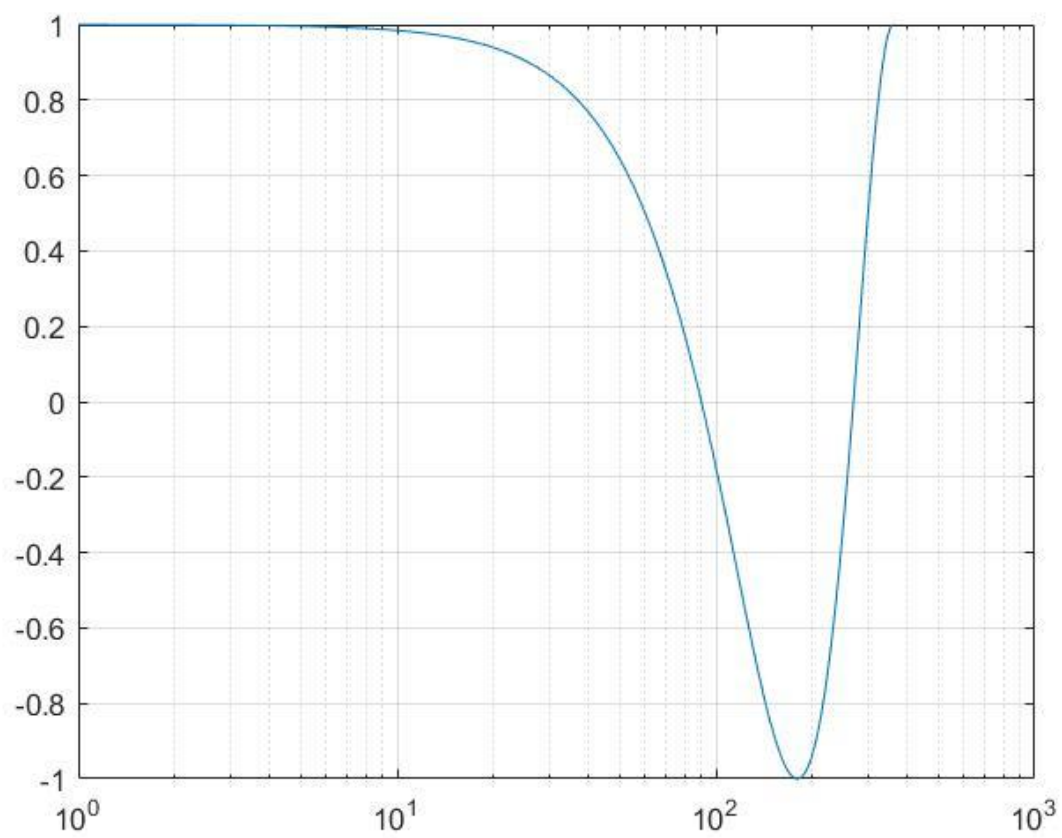
```

loglog(x,y)
[ Warning: Negative data ignored]
grid
[ Warning: Negative data ignored]
[ > In <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('resetplotview>localApplyViewInfo', 'C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m', 153)"
style="font-weight:bold">resetplotview>localApplyViewInfo</a> (<a
href="matlab: opentoline('C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m',153,0)">1
ine 153</a>)
In <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('resetplotview>localResetPlotView', 'C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m', 89)"
style="font-weight:bold">resetplotview>localResetPlotView</a> (<a
href="matlab: opentoline('C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m',89,0)">line 89</a>)
In <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('resetplotview', 'C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m', 48)"
style="font-weight:bold">resetplotview</a> (<a href="matlab:
opentoline('C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\resetplotview.m',48,0)">line 48</a>)
In matlab.graphics.controls.internal.resetHelper
In
matlab.graphics.controls.internal.ToolbarButtonRegistry>@(e,d)matlab.graphics.controls.internal.resetHelper(d.Axes,false)
In <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('hgfeval', 'C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\hgfeval.m', 62)"
style="font-weight:bold">hgfeval</a> (<a href="matlab:
opentoline('C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\hgfeval.m',62,0)">line 62</a>)
In matlab.ui.controls/ToolbarPushButton/processActionEvent
In
matlab.graphics.controls.AxesToolbarButton>@(varargin)obj.processActionEvent(varargin{:})
In matlab.graphics.shape.internal.Button/sendActionEvent
In
matlab.graphics.shape.internal.Button>@(varargin)obj.sendActionEvent(varargin{:})]
[ Warning: Negative data ignored]
disp('Aqui colocar figura 6')
Aqui colocar figura 6

```



```
semilogx(x,z)
grid
disp('Aqui colocar figura 7')
Aqui colocar figura 7
```

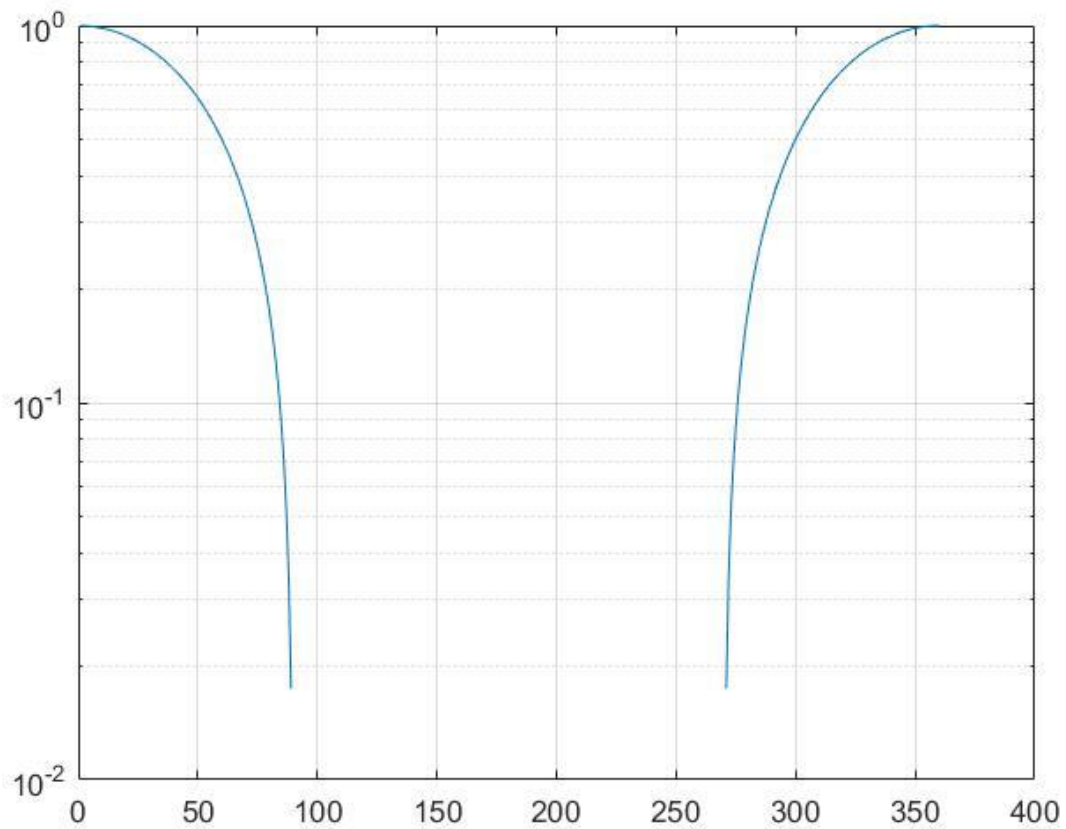


```
semilogx(x,y)
grid
```

```

semilogy(x,z)
[ Warning: Negative data ignored]
grid
[ Warning: Negative data ignored]
disp('Aqui colocar figura 8')
Aqui colocar figura 8

```



```
k=tan(x)
```

```
k =
```

```
Columns 1 through 6
```

```
1.5574    -2.1850    -0.1425     1.1578    -3.3805    -0.2910
```

```
Columns 7 through 12
```

```
0.8714    -6.7997    -0.4523     0.6484   -225.9508    -0.6359
```

```
Columns 13 through 18
```

```
0.4630     7.2446    -0.8560     0.3006     3.4939    -1.1373
```

```
Columns 19 through 24
```

```
0.1516     2.2372    -1.5275     0.0089     1.5882    -2.1349
```

```
Columns 25 through 30
```

```
-0.1335     1.1788    -3.2737    -0.2814     0.8871    -6.4053
```

Columns 31 through 36

-0.4417	0.6610	-75.3130	-0.6235	0.4738	7.7505
---------	--------	----------	---------	--------	--------

Columns 37 through 42

-0.8408	0.3103	3.6146	-1.1172	0.1607	2.2914
---------	--------	--------	---------	--------	--------

Columns 43 through 48

-1.4984	0.0177	1.6198	-2.0866	-0.1245	1.2001
---------	--------	--------	---------	---------	--------

Columns 49 through 54

-3.1729	-0.2719	0.9031	-6.0533	-0.4312	0.6738
---------	---------	--------	---------	---------	--------

Columns 55 through 60

-45.1831	-0.6113	0.4847	8.3309	-0.8258	0.3200
----------	---------	--------	--------	---------	--------

Columns 61 through 66

3.7432	-1.0975	0.1697	2.3479	-1.4700	0.0266
--------	---------	--------	--------	---------	--------

Columns 67 through 72

1.6523	-2.0401	-0.1155	1.2220	-3.0776	-0.2624
--------	---------	---------	--------	---------	---------

Columns 73 through 78

0.9193	-5.7370	-0.4207	0.6867	-32.2686	-0.5992
--------	---------	---------	--------	----------	---------

Columns 79 through 84

0.4957	9.0037	-0.8110	0.3298	3.8806	-1.0782
--------	--------	---------	--------	--------	---------

Columns 85 through 90

0.1789	2.4067	-1.4424	0.0354	1.6858	-1.9952
--------	--------	---------	--------	--------	---------

Columns 91 through 96

-0.1066	1.2443	-2.9874	-0.2530	0.9358	-5.4513
---------	--------	---------	---------	--------	---------

Columns 97 through 102

-0.4103	0.6999	-25.0925	-0.5872	0.5068	9.7930
---------	--------	----------	---------	--------	--------

Columns 103 through 108

-0.7964	0.3397	4.0278	-1.0592	0.1880	2.4682
---------	--------	--------	---------	--------	--------

Columns 109 through 114

-1.4155	0.0443	1.7203	-1.9519	-0.0976	1.2671
---------	--------	--------	---------	---------	--------

Columns 115 through 120

-2.9018	-0.2436	0.9525	-5.1920	-0.4000	0.7131
Columns 121 through 126					
-20.5249	-0.5754	0.5179	10.7321	-0.7821	0.3496
Columns 127 through 132					
4.1859	-1.0406	0.1972	2.5323	-1.3892	0.0532
Columns 133 through 138					
1.7559	-1.9100	-0.0887	1.2904	-2.8205	-0.2342
Columns 139 through 144					
0.9695	-4.9554	-0.3898	0.7266	-17.3618	-0.5636
Columns 145 through 150					
0.5292	11.8685	-0.7679	0.3595	4.3561	-1.0223
Columns 151 through 156					
0.2064	2.5995	-1.3636	0.0620	1.7927	-1.8696
Columns 157 through 162					
-0.0798	1.3143	-2.7432	-0.2249	0.9868	-4.7387
Columns 163 through 168					
-0.3796	0.7402	-15.0414	-0.5520	0.5406	13.2716
Columns 169 through 174					
-0.7539	0.3696	4.5401	-1.0044	0.2157	2.6697
Columns 175 through 180					
-1.3386	0.0709	1.8306	-1.8304	-0.0709	1.3387
Columns 181 through 186					
-2.6695	-0.2156	1.0045	-4.5394	-0.3695	0.7540
Columns 187 through 192					
-13.2662	-0.5406	0.5521	15.0482	-0.7401	0.3797
Columns 193 through 198					
4.7394	-0.9868	0.2249	2.7434	-1.3142	0.0798
Columns 199 through 204					
1.8697	-1.7925	-0.0620	1.3637	-2.5992	-0.2064

Columns 205 through 210

1.0224	-4.3555	-0.3595	0.7679	-11.8642	-0.5292
--------	---------	---------	--------	----------	---------

Columns 211 through 216

0.5637	17.3709	-0.7265	0.3898	4.9561	-0.9695
--------	---------	---------	--------	--------	---------

Columns 217 through 222

0.2343	2.8208	-1.2903	0.0887	1.9102	-1.7558
--------	--------	---------	--------	--------	---------

Columns 223 through 228

-0.0531	1.3893	-2.5321	-0.1972	1.0407	-4.1853
---------	--------	---------	---------	--------	---------

Columns 229 through 234

-0.3495	0.7821	-10.7286	-0.5179	0.5754	20.5376
---------	--------	----------	---------	--------	---------

Columns 235 through 240

-0.7131	0.4001	5.1928	-0.9524	0.2436	2.9021
---------	--------	--------	---------	--------	--------

Columns 241 through 246

-1.2670	0.0977	1.9520	-1.7202	-0.0443	1.4156
---------	--------	--------	---------	---------	--------

Columns 247 through 252

-2.4679	-0.1880	1.0593	-4.0273	-0.3396	0.7965
---------	---------	--------	---------	---------	--------

Columns 253 through 258

-9.7901	-0.5067	0.5873	25.1116	-0.6998	0.4104
---------	---------	--------	---------	---------	--------

Columns 259 through 264

5.4523	-0.9357	0.2530	2.9877	-1.2442	0.1066
--------	---------	--------	--------	---------	--------

Columns 265 through 270

1.9954	-1.6857	-0.0354	1.4425	-2.4065	-0.1788
--------	---------	---------	--------	---------	---------

Columns 271 through 276

1.0782	-3.8801	-0.3298	0.8110	-9.0012	-0.4956
--------	---------	---------	--------	---------	---------

Columns 277 through 282

0.5992	32.3000	-0.6867	0.4207	5.7380	-0.9192
--------	---------	---------	--------	--------	---------

Columns 283 through 288

0.2624	3.0779	-1.2219	0.1156	2.0402	-1.6522
--------	--------	---------	--------	--------	---------

Columns 289 through 294

-0.0265	1.4701	-2.3477	-0.1697	1.0976	-3.7427
Columns 295 through 300					
-0.3200	0.8258	-8.3287	-0.4847	0.6113	45.2447
Columns 301 through 306					
-0.6738	0.4312	6.0544	-0.9030	0.2719	3.1732
Columns 307 through 312					
-1.2001	0.1246	2.0868	-1.6197	-0.0177	1.4985
Columns 313 through 318					
-2.2912	-0.1606	1.1173	-3.6141	-0.3103	0.8408
Columns 319 through 324					
-7.7486	-0.4738	0.6235	75.4844	-0.6610	0.4417
Columns 325 through 330					
6.4066	-0.8871	0.2815	3.2741	-1.1787	0.1336
Columns 331 through 336					
2.1351	-1.5880	-0.0088	1.5276	-2.2370	-0.1516
Columns 337 through 342					
1.1374	-3.4935	-0.3006	0.8560	-7.2430	-0.4630
Columns 343 through 348					
0.6359	227.5004	-0.6483	0.4524	6.8011	-0.8714
Columns 349 through 354					
0.2910	3.3809	-1.1578	0.1426	2.1852	-1.5573
Columns 355 through 360					
0.0000	1.5575	-2.1849	-0.1425	1.1579	-3.3801

t=exp(x)

t =

1.0e+156 *					
Columns 1 through 6					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 7 through 12					

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 13 through 18					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 19 through 24					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 25 through 30					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 31 through 36					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 37 through 42					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 43 through 48					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 49 through 54					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 55 through 60					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 61 through 66					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 67 through 72					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 73 through 78					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 79 through 84					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 85 through 90					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 91 through 96					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Columns 97 through 102

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 103 through 108

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 109 through 114

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 115 through 120

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 121 through 126

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 127 through 132

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 133 through 138

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 139 through 144

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 145 through 150

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 151 through 156

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 157 through 162

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 163 through 168

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 169 through 174

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 175 through 180

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 181 through 186

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 187 through 192					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 193 through 198					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 199 through 204					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 205 through 210					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 211 through 216					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 217 through 222					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 223 through 228					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 229 through 234					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 235 through 240					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 241 through 246					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 247 through 252					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 253 through 258					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 259 through 264					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Columns 265 through 270					
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Columns 271 through 276

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 277 through 282

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 283 through 288

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 289 through 294

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 295 through 300

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 301 through 306

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 307 through 312

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 313 through 318

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 319 through 324

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 325 through 330

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 331 through 336

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 337 through 342

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

Columns 343 through 348

0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
--------	--------	--------	--------	--------	--------

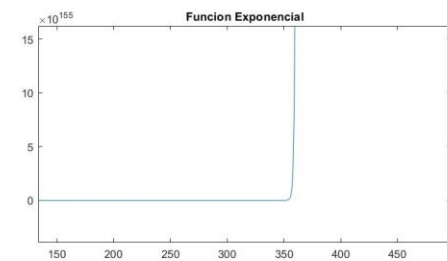
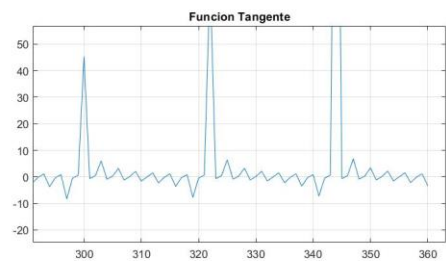
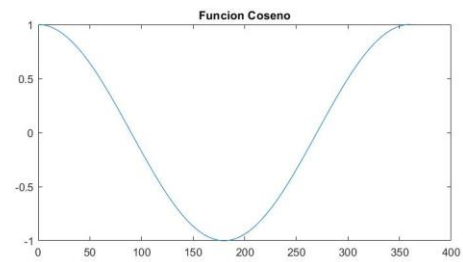
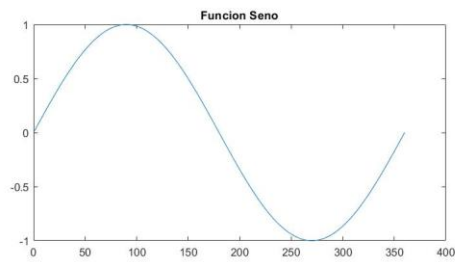
Columns 349 through 354

0.0000	0.0001	0.0003	0.0007	0.0020	0.0055
--------	--------	--------	--------	--------	--------

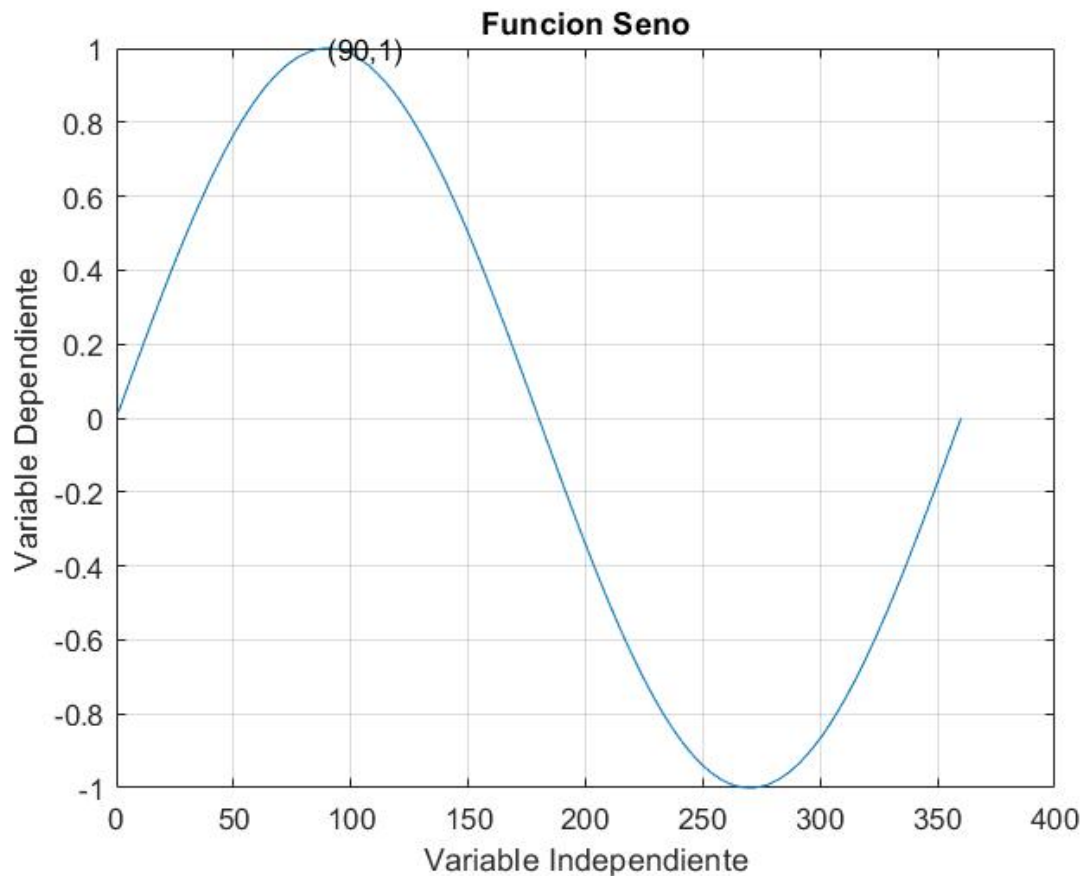
Columns 355 through 360

0.0149 0.0406 0.1104 0.3002 0.8161 2.2183

```
subplot(2,2,1),plot(x,y),title('Funcion Seno')
subplot(2,2,2),plot(x,z),title('Funcion Coseno')
subplot(2,2,3),plot(x,k),title('Funcion Tangente')
subplot(2,2,4),plot(x,t),title('Funcion Exponencial')
grid
disp('Aqui colocar figura 9')
Aqui colocar figura 9
```



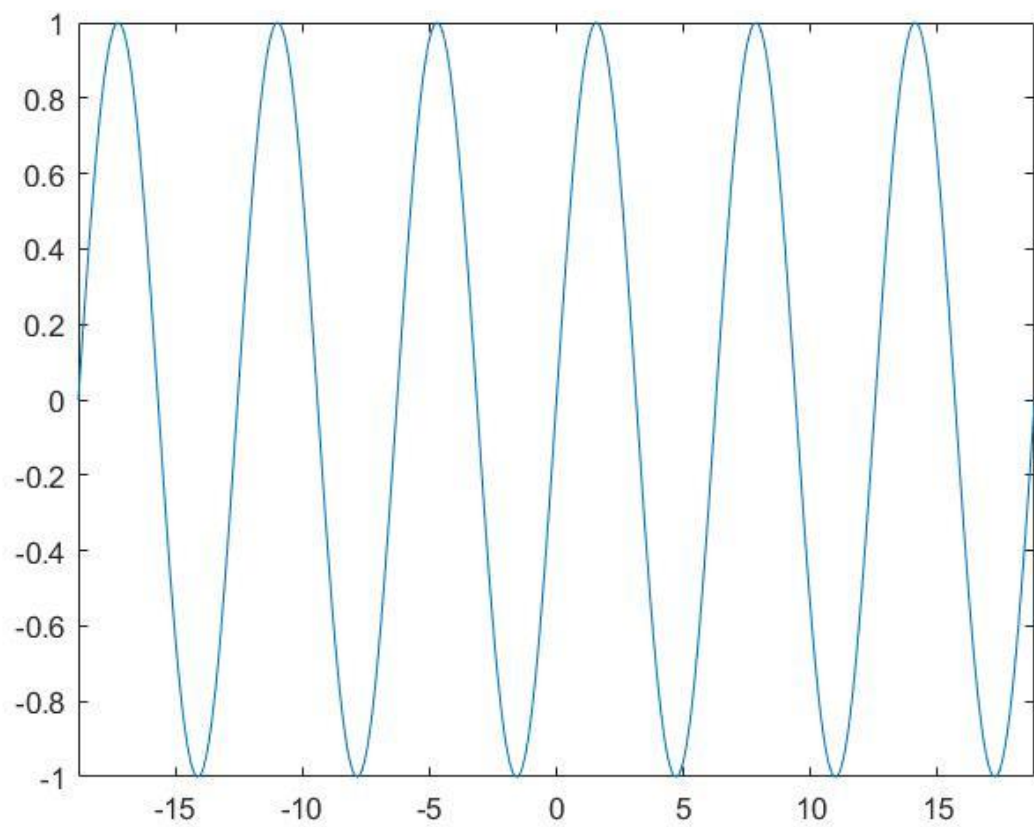
```
plot(x,y)
xlabel('Variable Independiente')
ylabel('Variable Dependiente')
tite('Funcion Seno')
{ Unrecognized function or variable 'tite'.
}
title('Funcion Seno')
text(90,1,'(90,1)')
grid
hold on
hold off
disp('Aqui colocar figura 10')
Aqui colocar figura 10
```

```

clc
fplot('sin'[-6*pi,6*pi])
    fplot('sin'[-6*pi,6*pi])
        ↑
{ Error: Invalid expression. When calling a function or indexing a
variable, use parentheses. Otherwise, check for mismatched
delimiters.
}
fplot('sin',[-6*pi,6*pi])
[ Warning: fplot will not accept character vector or string inputs
in a future release. Use fplot(@sin) instead.]
[ > In <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('fplot', 'C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\function\fplot.m', 110)"
style="font-weight:bold">fplot</a> (<a href="matlab:
opentoline('C:\Program
Files\Polyspace\R2020a\toolbox\matlab\graphics\function\fplot.m',110,0)">
line 110</a>)]
disp('Aqui colocar figura 11')
Aqui colocar figura 11

```



```
syms x
syms y
syms z
diff('cos(8*x)')
```

```
ans =
```

```
12      4    -75    16    -14    78    -79
```

```
diff(cos(8*x))
```

```
ans =
```

```
-8*sin(8*x)
```

```
diff(ans)
```

```
ans =
```

```
-64*cos(8*x)
```

```
diff(cos(8*x))
```

```
ans =
```

```
-8*sin(8*x)
```

```
diff(cos(8*x),y)
```

ans =

0

```
diff(cos(8*x)+tan(e^y),y)
{ Unrecognized function or variable 'e'.
}
diff(cos(8*x)+tan(exp^y),y)
{ Error using <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('exp
')" style="font-weight:bold">exp</a>
Not enough input arguments.
}
diff(cos(8*x)+tan(exp(y)),y)
```

ans =

$\exp(y) * (\tan(\exp(y))^2 + 1)$

$\text{diff}(\cos(8x) + \tan(\exp(y)), 4)$

ans =

$4096 * \cos(8x)$

$\text{feval}('tan', \pi/2)$

ans =

$1.6331e+16$

```
fzero(cosd,100)
{ Error using <a
href="matlab:matlab.internal.language.introspective.errorDocCallback('cos
d')" style="font-weight:bold">cosd</a>
Not enough input arguments.
}
fzero('cosd',100)
```

ans =

90

$\text{fzero}('cosd', 150)$

ans =

90

$\text{fzero}('cosd', 210)$

ans =

270

diary off