
Problem 1

Plotting $\sin(2\pi x)$ on $[0, 1]$.

```
x = linspace(0, 1, 11);  
y = sin(2*pi*x)
```

```
plot(x, y)
```

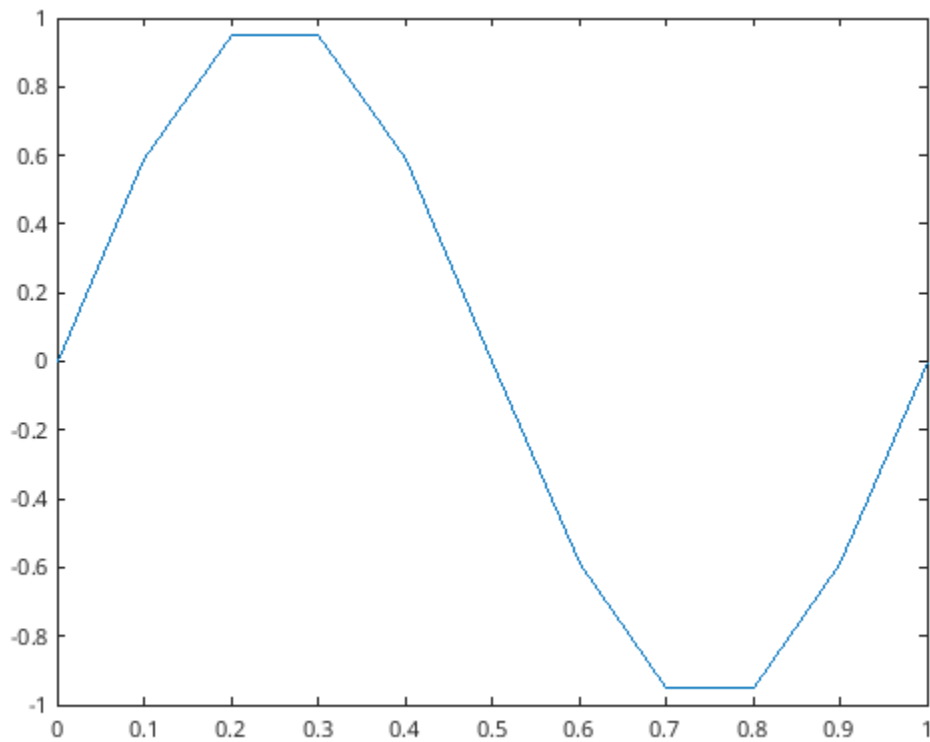
$y =$

Columns 1 through 7

0	0.5878	0.9511	0.9511	0.5878	0.0000	-0.5878
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Columns 8 through 11

-0.9511	-0.9511	-0.5878	-0.0000
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Problem 2

Plotting $\cos(2\pi x)$ on $[0, 1]$.

```
y = cos(2*pi*x)
```

```
plot(x, y)
```

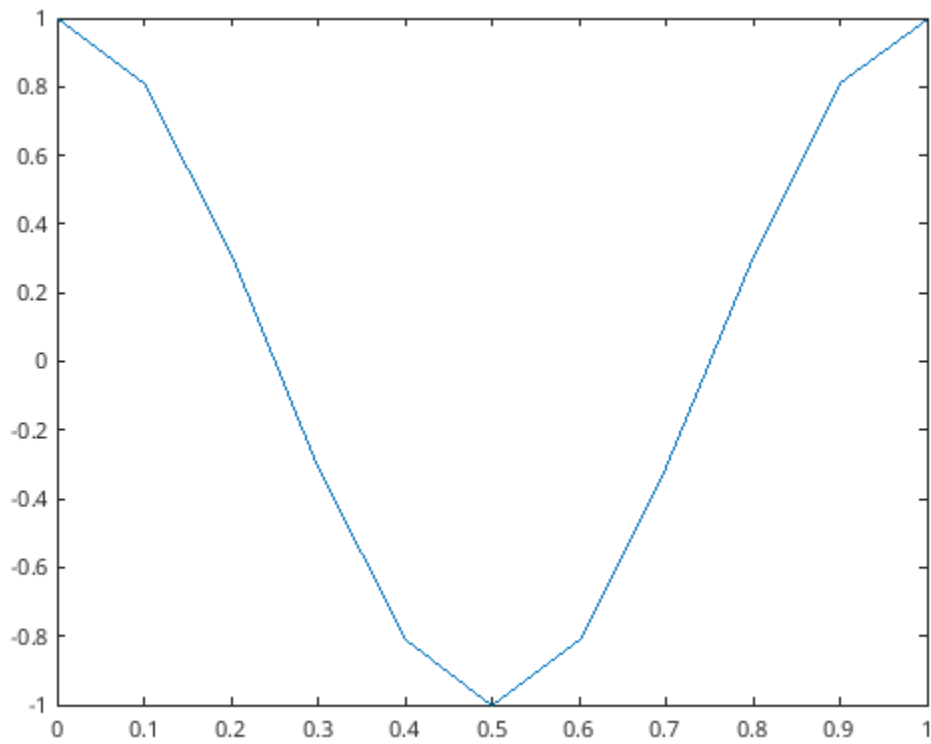
```
y =
```

```
Columns 1 through 7
```

```
1.0000    0.8090    0.3090   -0.3090   -0.8090   -1.0000   -0.8090
```

```
Columns 8 through 11
```

```
-0.3090    0.3090    0.8090    1.0000
```



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