In [1]:
```
import numpy as np
```

In [2]:
```
x=np.linspace(-40,40,100)
```

In [4]:
```
x.size
```

Out[4]:
```
100
```

In [5]:
```
y=np.sin(x)
```

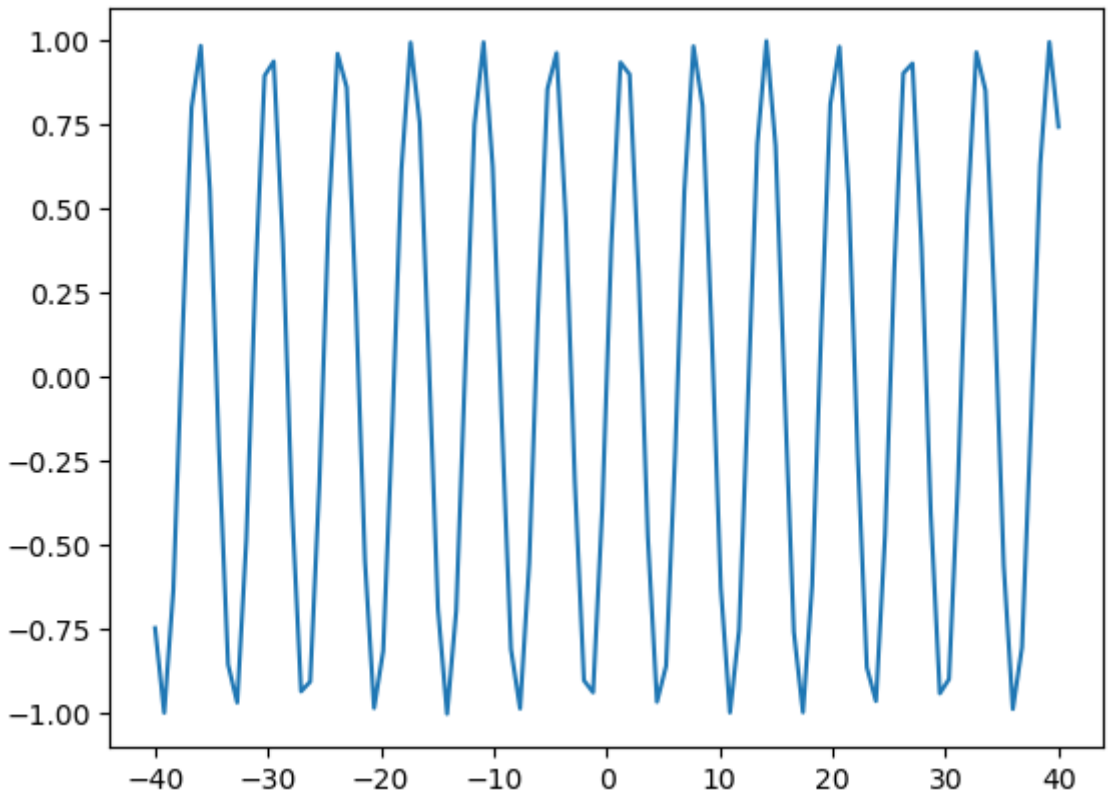
In [7]:
```
y.size
```

Out[7]:
```
100
```

In [8]:
```
import matplotlib.pyplot as plt
%matplotlib inline
```

In [9]:
```
plt.plot(x,y)
```

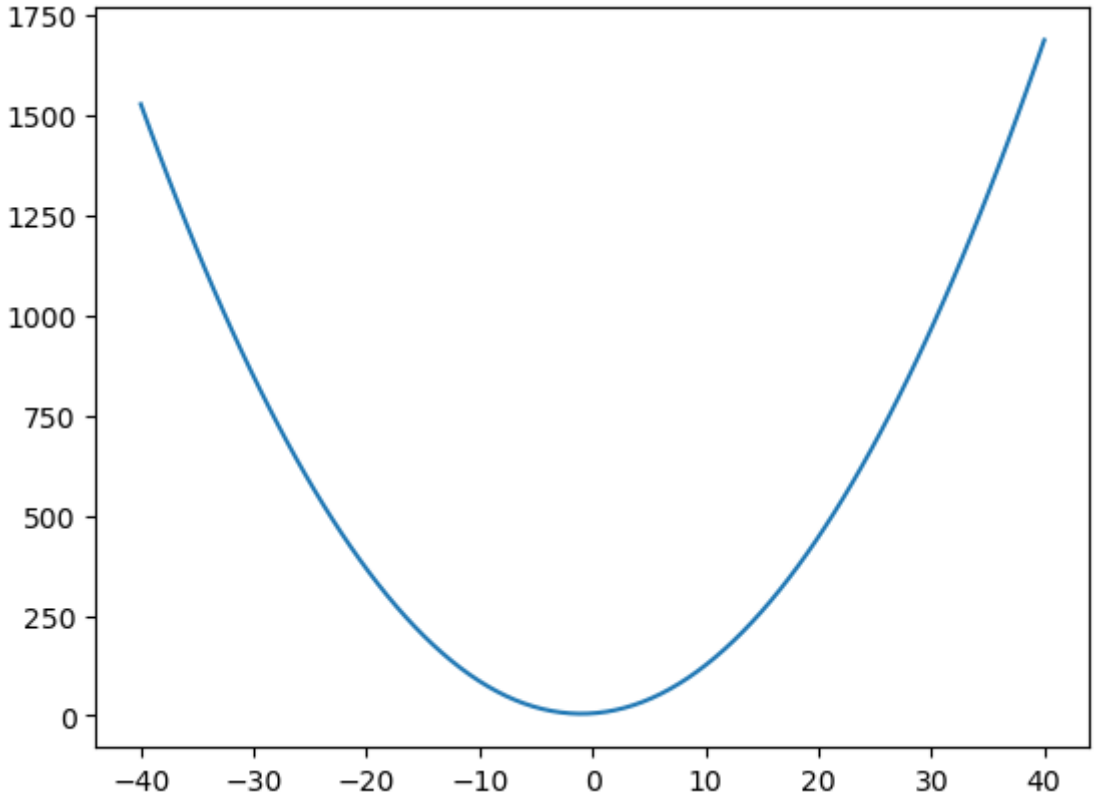
Out[9]:
```
[<matplotlib.lines.Line2D at 0x1fa54d3f550>]
```



In [10]:
```
y=x*x+2*x+6
```

In [11]:
```
plt.plot(x,y)
```

Out[11]:
```
[<matplotlib.lines.Line2D at 0x1fa5561b8e0>]
```



In [ ]: