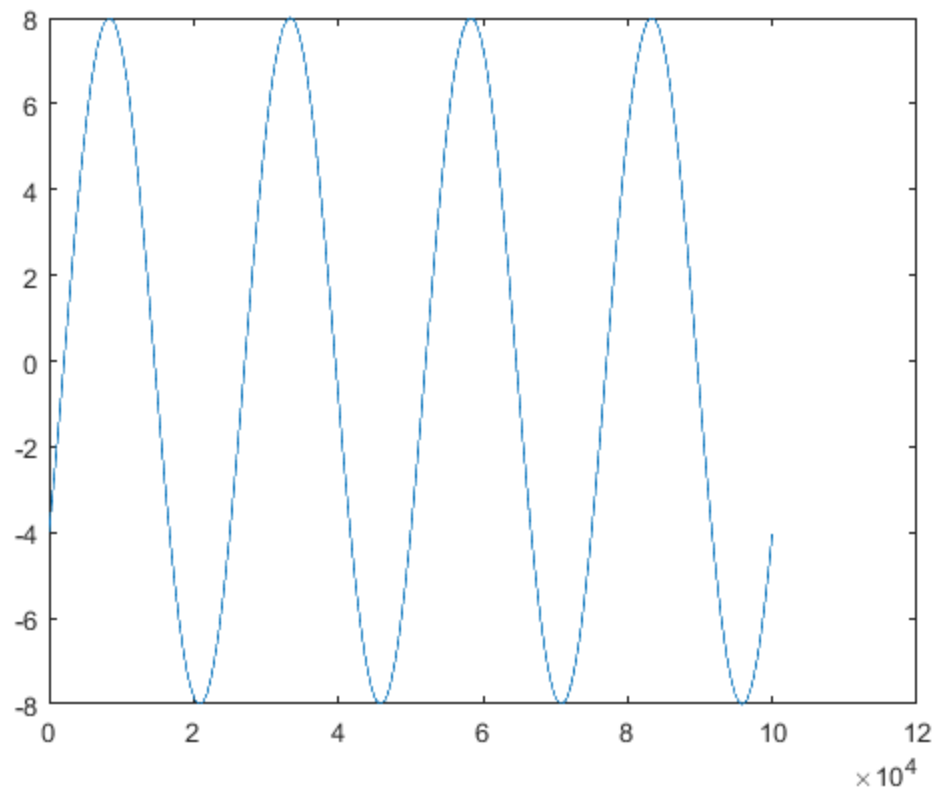```
n = 0:100000;
phase = -2 * pi /3;
amplitude = 8;
number_cycles = 4;
x = amplitude * cos((2 * pi * number_cycles * n / 100000 + phase));
plot(x);
```



*Published with MATLAB® R2018a*