```matlab
x = -2*pi:0.1:2*pi;
y = sin(x);
plot(x,y)
legend('sin X')
title('sin X')
grid on
```
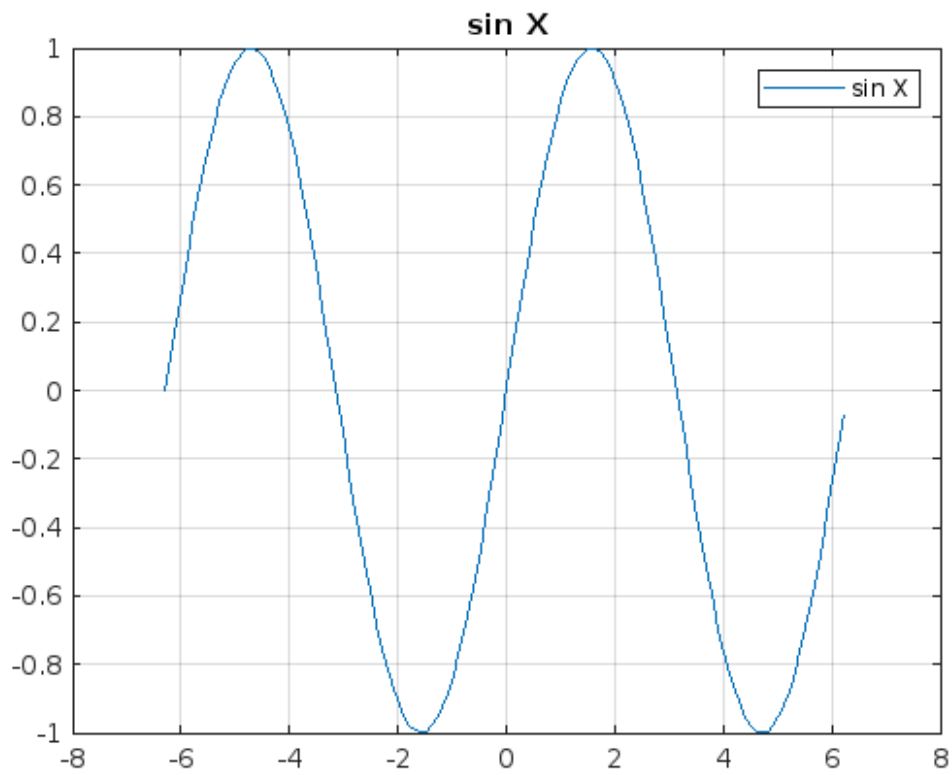

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