

Programming Study Group

Week 8

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Exercise one Assume a user-defined function f is given with the following header line

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function y=f(x)
```

where the input x is a vector (or scalar) which denotes independent variable and the output y is the corresponding values of an arbitrary mathematical function f .

Plot the mathematical function f , given by the f , over the interval $[a, b]$ by a dashed line without using the available properties related to line style. Each dash or space must have equal length d . Note that each dash or space is a small segment of the curve, not a straight line.