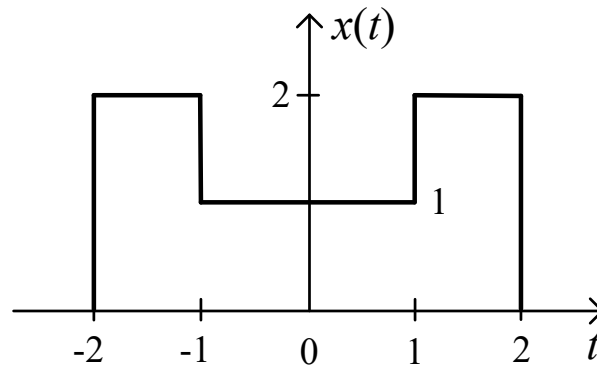


**Only a handwritten hardcopy submission is allowed**

Solve the following **Problem 01**.

**Problem 01.** Evaluate the Fourier Transform of  $x(t)$  shown in the following figure.



*The figure for Problem 01.*