Draw the graph corresponding to the following description:

$G = (V, E)$ where

$V = \{n | n \text{ is an integer in the interval } [0, 5)\}$

$E = \{(i, j) | i \text{ and } j \text{ are integers in the interval } [0, 5) \text{ and } |i - j| \leq 2\}$
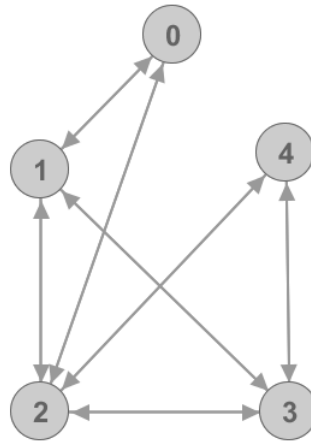
The graph as described is shown in Figure 0.2.

Figure 0.2