1. The output is:

$$qs = [0 \ 0 \ 0 \ 8 \ 10 \ 12 \ 14]$$

**2.** The output is:

$$xs = [0 \ 0 \ 0 \ 16 \ 17 \ 18 \ 19 \ 0 \ 0]$$

**3.** The output is:

$$ms = [0 \ 0 \ 0 \ 0 \ -6 \ -3 \ 0 \ 3]$$