Problem to work on:

Write a file to plot the function:

$$y = \begin{cases} 15\sqrt{(4x)} + 10, & \text{when } x \geq 9 \\ 10x + 10, & \text{when } 0 \leq x < 9 \\ 10, & \text{when } x < 0 \end{cases}$$

for $-5 \leq x \leq 30$