## Math 1496 Calc 1 - Homework \#12

Sketch the following regions and revolve each around the $x$ and $y$ axis using the method of washers and shells.

> (i) $y=\sqrt{x}, \quad y=0, \quad x=4$
> (ii) $y=x^{2}, \quad y=4 x-x^{2}$

