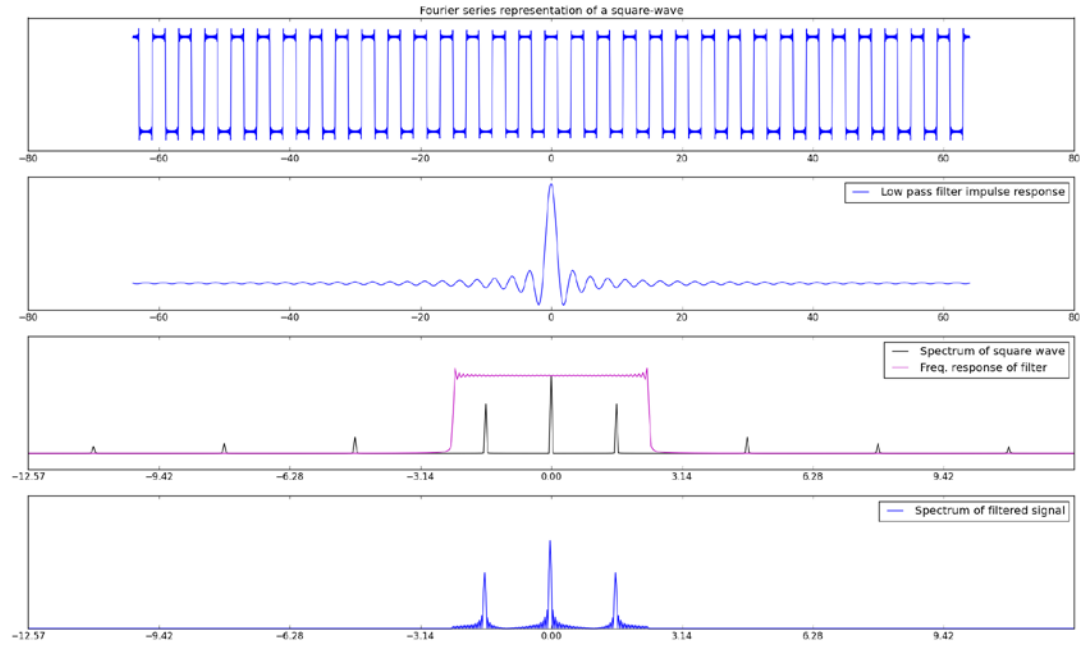


## Question 2:

$$\omega_c = 0.75 * \pi$$



$$\omega_c = 1.75 * \pi$$

