1. List the properties of Normal distribution.
2. Give the area under curve of mu +/- sigma, mu +/- 2(sigma) and mu +/- 3*(sigma)
3. X is a normal variate with mean = 30 and standard deviation = 5. Find teh probabilities that
    a. 26 <= X <= 40
    b. X >= 45
    c. | X-30 | > 5
4. In the distribution exactly normal, 10.03% of the items are under 25 kilogram weight and 89.97% of the items are under 70 kilograms weight. What are the mean and standard deviation of the distribution?