



Let x be a Continuous random Variable with Prob. dist. P(x)Uniform Prob. dist.

1) x is a random variable for all values from a to b.  $a \le x \le b$ 2) P(x=c)=03) Uniform Prob. dist. has a rectangular graph as shown below.

1 Da Cod b

4) P(c < x < d) is the Corresponding shaded area above.  $P(c < x < d) = (d-c) \cdot b-a$ 

































