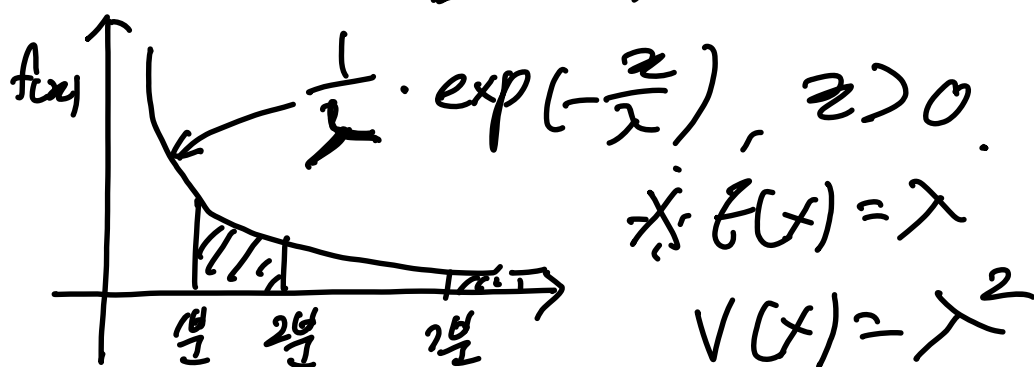


Queueing Theory (대기이론):

· 확률변수: 동일한 Input을 줬는데,  
Output이 조금씩 다른 변수.

·  $X \sim \exp(\lambda)$ : 'X가 지수분포'를 따른다.'  
↑ 란다 (평균)



· 란다함수

· 지수분포

· 부분적분

· 자연로그:  $e = \lim_{n \rightarrow \infty} (1 + \frac{1}{n})^n$

·  $e^x$ : 로그 밑이 실수인 것.

$$\hookrightarrow x = \log_{10} y$$

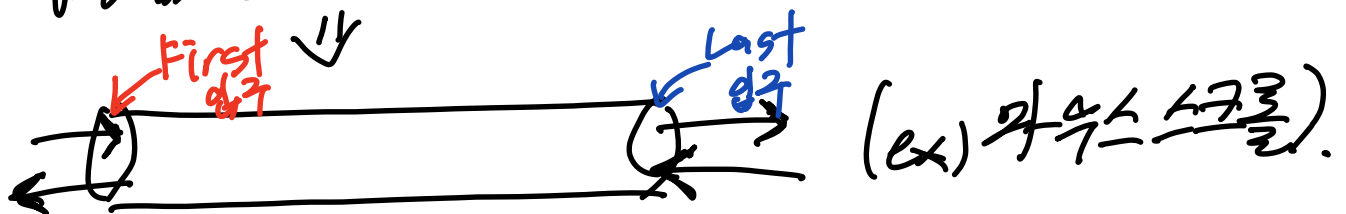
$$\rightarrow 10^x = y.$$

$$\rightarrow e^x = y$$

· Pdf : 확률을 알려줌

· Cdf : 누적 확률을 알려줌 (Pdf 확률을  
적분한 것.)

· Double Ended Queue [Deque]



(일방적인 Queue)

A horizontal line representing a queue. At the left end, there is a circle with an arrow pointing left. At the right end, there is a circle with an arrow pointing right.