[Homework2] 20180474 46121 x(n) x(n) = u(n) - u(n-10)

1. 주파수 생 (w=0)과 (w=TC)의 크기

	n	Ь	/	2_	3	4	5	6	7	8	9	
	x(n)	/	l	l	/	l	1	/	/	/	/	X(w)
	e-jwn	1	l	Ī	l	l	Į	l	l	l	l	
	200)etiun		l	l		l	l	l	l	l	L	10
	ejun	l	-l	l	-1	J	1	l	-[l	-1	
	ス(n)e ^{-jwn}	l	-1	l	-1	l	-1	l	-(l	-(0

$$X(\omega=0) = 10$$
, $X(\omega=\pi 1) = 0$

$$2 \frac{1}{2} \frac{$$

3.
$$|X(w) = 0|$$
 을 만하는 꾸斤

 $\Rightarrow 2\pi \times \frac{1}{10} = 2\pi \times \frac{1}{10} = 0.2\pi$
 $\Rightarrow 0.2\pi, 0.4\pi, 0.6\pi, 0.8\pi, \pi$
 $\Rightarrow (\frac{1}{5}\pi, \frac{2}{5}\pi, \frac{\pi}{10})$

4. |X(w) | St _X(w) 를 Matlab으로 스케치

