ICS 2019 Problem Sheet # 6

Maniem	Agrawal
cs 122	

	Vocation.	Come see a	Sub-stud		Nu 18
	6.1	3011 (12) 14) 23	No. of the		
The state of the s	a)				
	53 - 5	69 - 1	6d - m	61 -a	
	69 - ;	65-e	65 -e	6e -n	
Service Market	6d-m	64 - a	20-,	63 -c	
	70 - p	20	20	65 -e	
THE PARTY OF	6C -1	74 - E	62-0	2e - ,	
	69 -i	6f - 0	65 -e	Oa-	newline
TO SOUTH	63 -c	20	63 -c	2d	
	69 -i	74-6	6F-0	20	
TO SERVICE SER	74 - t	68 - N	6d-m	4a - J	
	79 - 4	65 - e	65 -e	6f -0	
	2c -,	20	73 -s	6e-n	
	20	20 (oxpace) - e	20	20	
	63 -c	78 - X	65 -e	46 - F	
	61-a	74-+	6c -1	72 -r	
	72 -r	72 - r	65-e	61-0	
	72 -r	65 - E	67 -9	Ge-n	
11			THE RESERVE OF THE PARTY OF THE	THE RESERVE THE PROPERTY OF THE PARTY OF THE	STATE OF THE PERSON NAMED IN COLUMN

60.66-k Final 2000. 6c-1 60-i 6e-n

Oa - (newline)

:. Simplicity carried to the extreme, becomes elegance - Jon Franklin

Manney Names

				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
b)	UTF-	·8 Unicode	Nome	Symbol
	7c	U+ 007C	ver+ical line	
	76		left toly-Brocket	. {
	2d	U+002b	Hypnon	2- 68
	7d	U+007p	Right luly Brooks	
e2 88 à	a	0+222A	union	0-50
7	A CONTRACTOR OF THE PARTY OF TH	U+007b	10ft luty Brant	
e2 88	92	U+2212	Minus	
. 70	d	U+007d	Right cony Br	
c2 88	on	U+222A	union	
74	D	· U+007B	letticotly Brace	
c2 0	The state of the s	U+00AD	SOH HYPHEN	
7d		U+607D	Right curly b	0
e2-88		0+222A	Union	
70		U+0007B	1At culy b	
e280		0+2013	En-dash	- 3
7d		U+007B	Right conly B	
e2880		U+222 A	union	1204
15	End of the Minds	'U+007 B	Left Colly Bro	apport 5
c2 80	di	U +2011	Non-Braking	Hyppen }
7d		U+007P	Pisat rolly brace	for 3
c2 88 a	0	U+22 A	union (
7b	The state of the s	U+007B	left colly bracks	+ [1]
2 80 9		U+2014	Em Dash -	
7d	The County of the Party of the	U+607D	Right Colly Br	ar Act ?

3019-10-13 12 17:15:00 C2 88 aa Union U U+222A left coily Bracket . 5 U+007B 76 e2 20 92 0+20/2 Figore Dan -Right Coily Brantot . 3 U+007b 7d 7c W+007C Veitical line 0+0020 space :20 U+003D 3d Equal = U+0620 Spare, 20 Digit seion 7 U+0057 37 UTOOR . End of line 00 15-305-305-305-305-305-31=7 UTF-32 uses 5 bytes to store single choracter
UTF-8. uses 3 bytes to store single choracter

In UTF-32 Chinese text uses
5 x 800 000

g = 4000 000 bytes.

In UTF-8 chinese tent uses.

3 x 800 000

=

2 400 000 bytes

- 6.2) (onverting them (a) 2019-10-15T13:15:00 2019-10-13T17:15:00 2019-10-13T13:15:00 2019-10-13T17:15:00
 - 2019-10-1377 13:15:00
 - : Dates \$3,5 are some and Dates, 2, 4 and 6 are some.
 - b) As this helps is represent a unique care when the the time in UTC is known but the offset to the local time is known.

c) As all Univ's signed 32-bit integer Storted from - 1970 the time format 03:14:07 on 19 January 2038 cannot is he represented as all bits one whe lastest time that can be snown. Other dates ore not possible, theretore we call it Year 2038 proplem The solution to this is wrong more bits such as a 64-bit system to store the date. to the same of the same of

DD: 31: 11: 12: 51- D1 - 6120