	Madule 10
	10.1 0:= 1.1 [v(), 52
	10.1 G15 miles
k n	
	and account for the reverse
	10.3 123, 1-2-3, 12-3, 13-2, 23-1
1.4.66.4.7	
	10.4
	In -
	10.5
	a. Alg10, 01, 012, 0123. Alg20, 02, 021, 0213
	b. Algorithm 1: O(n-1)
	C. Algorithan 2: ((n-1)!
	10.6 \$1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	5 and 6 both ass.
	10.7 # 1 is because it needs all the conditions,
	2 is not became from anot different states and no cost. 3
	11 not became them confinite state since find 4 is a
	Combinational aptropriation
	1/1 02
41	10.8
P	If we create one four to . We fly a com to determine of
	A given four has less cost than our best four or not thends means yes. touts is no.
	minTour = So 5 minTour = So = minTour = So
	5=50 5=5, 5.=52
	Hends matoria = S2 33 min Torr = S2
	5 - 5 min 100 - 52
	( = (

5 = 53

AZ there we would still use the com to randomire
a tour nut we also roll a due to deade which
and fourts
mintour = $S_0 = \frac{S_1}{(1)^2}$ mintour = $S_0 = \frac{1}{2}$ mintour = $S_1$ $S=S_0 = \frac{S_1}{(1)^2}$ mintour = $S_1$
WW lan = 20 (1) 5)
S= S0 525, 320,
C. blo
52 +215 (3.4) MINTOU = 51 -> MINTOU = 51
5=52 5=52
10.9 Alg 1: 0(n-1)
10. d Alg 1: 0(n-1) Alg 2: 0(n-1) 1
0 2
0.10 next state (state s)
t=5
pek a number smaller than the first
prok a number smaller than the first
Swap the numbers
report
0.11
191 01234 Alg 2 01234 => 02134
01234 01324
34210 01867 032N
2019
There are (n-1)! There are (n-1)!
States states ==

10.12 Alg 1: prextState (S)

b = generate random arrangment

return b Alg 2: next-state(s) D=S Prek any random items in b Swap.

If the docsn't fit put in new lan
return b 10.15 at T -> mandy -> 1