	Page no.:/ Date://
	MAlgorithm to create a CSV gilo and rundonly generate None and Salury.
	String (generateRandonWami ()
	// Generate a None: - To vanelonly generate a nume
	1/ input :- We give centret as a void
	11 output: We vecture the firstnone and
	vertor < sint string> firstnine ← { John, Athurn Je vertor < string> dostnane ← { Dhage, Wick, }
	Jn = firstnone [vand() 1. Jn. size);
	int getArundom No () = [] int getArundom No ()
	1/ Yenerate a Number = - Randomly: generate a salary
27	1/ comput = We don't take any imput
	1 output :- We vecture an orandomly
	outurn & rand () % 90001 + 10000

	Page no:
	11 Pivido and Conque
	int double find Min (vodor ag in + 1, int h)
	Il Find the min solary: - To jend the minimum. Il soolary for the company employer.
	11 Dettort Input: - A vector, a starting point
	11 Output :- Return a double value
\ \ \ !	minimen Salary
	3) (go 1>P)
	greturn -1; greturn -1; vutern a[1]
7	vition a [17
	mid = (1+h)/2
	Int the same of th
	R-mint= pindMin (v, 100, mid) R-mint= pindMin (v, mid+1, h)
	B-mint-min = findMin (v, mid+1, h)
	octum min (!min, Rmin);
	1/ Similarly for mor
	outurn proclimanc, Rmin masc);
	the state of the s
	1 + 1 + 1 in 1 + = = = = = 1.78

Page no.:____/ output input file: Masc -> 1000 P masc -> 42765 länpet min -> 10019 mosc -> 1898,42715 2 input error opening file 3. input min -> 10005 a - inhet mase -> 42702 Sortury con't be 5) 5- input Time - Complexities. $\frac{\tan 0(n) = 2(n/2) + 0(1)}{= 0(n) + 1}$ Space Complucity = 0 (logn)