	Page No.
	Satil Jindal 18 (S 10048 Date
	Compilers Assignment 7
	11 teep Ophinization
	11 int n = 10, i;
	$100 = t_1 = 10 \qquad XXX$
100;	101 i n = +/10 -// For (= D ; i < n ; i +) {
. 10	102: +2=0 XXX
101:	103: [= +10 <= == def use 104: if i <n 109="" go="" th="" to="" town<=""></n>
102:	105: go to 125 // False
103:	105: go to 125 // False 106: t3 = i = - unaged xxx
104:	107: i = txx i +)
105-	108: go to 104 1/1/ (a[1] 0/02 ==0) {
106:	109 to = 4*; "strength reduction
107:	110: ts=a[44]
108:	11 - thole)
109	112: t7=0 = 120 jumpoverjump
)10:	113 i ft6]= + + go to jis
	114: go to 120 xxx // 1-
111:	115, 48-9-1
112	116: t9=c+t8
	117 - deline
113:	118. th 106 1/ NONE 1/c[1]=1
1143	J. X = 11 cto with gray Ton
115	120: E11 = 4 + 1 $121: E12 = C + E11$
116:	112 1 444
	122: +13= +13 113
117 :	1107
1181	125: return //seturn
119:	

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1	Optimised code after Peophole Off.
New Ou	ad and
No.	· De day and
	100: H = 10
100	101: n=10
· Trus	10'21 +2 0
101	103: i=0 \(\(\text{-= dof use} \)
	104: 1/ 1000 ikngo to 109/06
103	
*	106 t3=i == Unused XXX
104	1071 i = i () Tol
105	
106	
107	110: ts=a[th]
103	111: +6=+6./.2
) 09	11 1 +7 = 0 115
110	113: if the = 77 go his = jump over jump
	114 go b 125 XXX
111	115 to = 162 //strength reduction
11-2	116: tg = C++8
2	117: to = 0
113	
115	120: t11=1662 11 sterenth reduction
- 1	
116	122: +13=1 XXX
117	123: +12=1
1 2	124. 90 po +06 104
119	125 orehore
11-1	

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