100	121/31
79	(F: 8AJ) ANTIE-UP (F: 8AJ) QU-3TIRM (18M19CS158)
	Jon (i=0; i(n; i++) droz sproM
1	V V
	printf ("/d It", a [i]);
	printf (In Time taken to sort %d numbers is %f secs up n
	(((double)) (end-start))/(LOCKS_PER_SEC));
	break; (d. mit) shulani !!
	case 2: n=500; (dni dni [] dni) dilas hisy
	while (n(=1,4500) of toi (1) toi) soridore hier
	int main ()
	on (i=0; i(n; i++)
	int a [15000], n, i, j, ch, temp;
	ali]=n-i; cod: toset descent
	(1) Stirtle
o singents.	start= clock ();
1	print ("las: For manual entry (1) ayour / marker
10.	The character delair
	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	manipasta the plant of 181
	1/" In Eater your chance work
	1 1 1 1 2 9 2 1 2011
n = 100	TO CAME !
	DI CLOCKS PED
	1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	break: "! LEnter array elements:"); break:
	Cape 3:
	(0) ±(x) (0) (1) (1) (0) ±(x) (1) (1)
	3
	return 0: () House
	Split (a,0,0-1); [[]
	end = clack(): print (" In Souted andor 19:"):
	1 ming

	Date Page (18M19CS158)
1	void split (int a [], int Low, int high) in (i)
1	3
1	int mid; (dpin=) j) slidu
+	if (low < high)
+	
+	mid = (lon+ high)/2;
-	Split (a, Low, mid);
-	split (R, mid+1, high);
	Combine (a, low, mid, high);
\parallel	1 (4) Kigh)
\parallel	J
-	void combine (int a [], int low, int mid, int high)
\parallel	
\parallel	1nt c[15000], i, j, k; :[i] = [q])
\parallel	i=k=Low; : 3-1-1 j=kub mid+1; : 1-1-1
\parallel	
	while (i (= mid llj(= high)
	1 (a [i] (areja) pidasi : Mod sid Hol
	5
	c[k]=a[i].[i]==[i].ii
	++k;
	++;;
	}
	cloe
	£
	c[k] = a [j];
	++ k;
	++j;
)
]
T	

