White a program of linear bearth for test cases, which also prints the no. of Comparisons made in each test case.

Print " Rey found" if found, print hey not found", if not found in the array.

Pseudo Codes-

int i, i, n, t, (omp, k, flag=0; l=0; Slanf ("%od", ft) While (i!=t)

> Scanf ("%d", en); int A[n]; fox (j=0; jcn; j++)

5 (J=0; J211; J77); 5 (anf ["0/00"; & A[i]); 5 (anf ("0/00"; & K);

(omp = 0; flag = 0; fox (j=0; j (n; j++)

(omp ++i) f(K == A[i])

pxintf ("key found");

Page No.

PXINT I" no. of Compaxibons = 9/00" (comp);
flag ++;
bxeak;

1++1

if (# flag == 0)

p xint (" kpy not found");

(sell) andid

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Stane ("000" 1 2 K);

(comp = a : Flag = ar

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