//Implementation of linear search and Binary Search Menu Driven Program #include int linearsearch() { int arr[10],num,i,n,pos=-1,found=0; //clrscr(); printf("\nEnter the number of elements in the array:- "); scanf("%d",&n); printf("\nEnter the elements:- "); for(i=0;i<n;i++) ... a[mid]) first=mid+1; }while(first<=last); if(flag==1) printf("Element %d is Found at %d position",key,mid); else printf("Element %d Not Found in array",key); return 0; //getch(); } int main() { int ch; //clrscr(); do { printf("\n1.Linear Search\n2.Binary Search\n3.Exit"); printf("\n Enter your choice"); scanf("%d",&ch); switch(ch) { case 1: linearsearch(); break; case 2: binarysearch(); break; case 3: break; case 4: printf("\n Wrong Choice Entered"); break; } }while(ch!=3); return 0; } /*Output Enter 10 elements of array 13 25 37 42 54 67 71 83 91 97 Enter key= 91 Element 91 is Found at 8 position */