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// Q18. Write C Program to Search an Element in an Array (Binary search)
#include <stdio.h>
int main()
    int a,b,t;
    printf("Enter Size of Array: ");
    scanf("%d",&a);
    int A[a];
    for (int i=0;i<a;i++)</pre>
        printf("Enter Element %d: ",i+1);
        scanf("%d",&A[i]);
    printf("Enter Number to search: ");
    scanf("%d",&b);
    int found=0;
    for (int i=0;i<a;i++)</pre>
    {
        if (b==A[i])
        {
            printf("Element %d Found at Index %d.\n",b,i);
            found=1;
        }
    if (!found)
        printf("Element %d NOT Found.",b);
}
Output:
Enter Size of Array: 5
Enter Element 1: 1
Enter Element 2: 6
Enter Element 3: 99
Enter Element 4: 23
Enter Element 5: 42
Enter Number to search: 23
Element 23 Found at Index 3.
```