

```
#include <stdio.h>

void main()
{
    int i, j, n, item, found = 0;

    printf("Enter number of elements in the array\n");
    scanf("%d", &n);
    int a[n];
    printf("Enter %d elements:\n", n);
    for (i = 0; i < n; i++) {
        scanf("%d", &a[i]);
    }

    printf("Enter element you want to search: \n");
    scanf("%d", &item);

    for (i = 0; i < n; i++) {
        if (item == a[i]) {
            printf("Element found at %d position\n", i + 1);
            found = 1;
        }
    }

    if (found != 1) {
        printf("Element not found :(\n");
    }
}
```

```
}  
  
}
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  
  
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 1> cd "d:\Atharv\Desktop\Programming  
f ($?) { .\linearsearch }  
Enter number of elements in the array  
5  
Enter 5 elements:  
12  
6  
5  
64  
32  
Enter element you want to search:  
64  
Element found at 4 position  
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 1> |
```