

## 7. Implement a C Program Identify location of element in given array

### Code

```
#include <stdio.h>

int main() {

    int a[]={10,20,30,40,50},x,i;

    printf("Enter element: ");

    scanf("%d",&x);

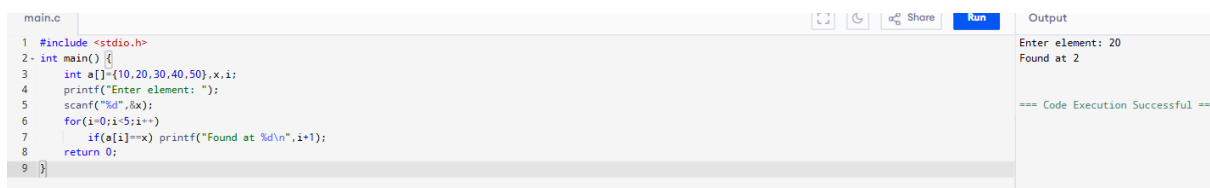
    for(i=0;i<5;i++)

        if(a[i]==x) printf("Found at %d\n",i+1);

    return 0;

}
```

### Output



The screenshot shows a code editor with a C program and its output. The code is as follows:

```
main.c
1 #include <stdio.h>
2 int main() {
3     int a[]={10,20,30,40,50},x,i;
4     printf("Enter element: ");
5     scanf("%d",&x);
6     for(i=0;i<5;i++)
7         if(a[i]==x) printf("Found at %d\n",i+1);
8     return 0;
9 }
```

The output on the right shows the program's execution:

```
Output
Enter element: 20
Found at 2

=== Code Execution Successful ===
```