

Problem 19: Search a value within an array.

Code:

```
#include <stdio.h>
int main() {
    int arr[10], val,i,found=0;
    printf("Enter 10 numbers: ");
    for(i=0;i<10;i++) scanf("%d",&arr[i]);
    printf("Enter value to search: ");
    scanf("%d",&val);
    for(i=0;i<10;i++) if(arr[i]==val){ printf("Found
at %d\n", i); found=1; break; }
    if(!found) printf("Not found\n");
    return 0;
}
```

Output:

```
Enter 10 numbers: 11 22 44 55 66 44 746 56
363 635
Enter value to search: 11
Found at 0
```