```c
int main() {
    int arr[n];
    printf("Enter %d elements:\n", n);
    for (int i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    // Reverse in place (swap from ends)
    for (int i = 0; i < n / 2; i++) {
        int temp = arr[i];
        arr[i] = arr[n - i - 1];
        arr[n - i - 1] = temp;
    }

    printf("Reversed array:\n");
    for (int i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");

    return 0;
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\ACER\Desktop\itscbe> gcc do.c
PS C:\Users\ACER\Desktop\itscbe> ./a.exe
Enter the number of elements: 3
Enter 3 elements:
2 3 5
Reversed array:
5 3 2
PS C:\Users\ACER\Desktop\itscbe>
```

C dy1.c > ...

```c
 3    int main() {
13
14        int key;
15        printf("Enter the element to search: ");
16        scanf("%d", &key);
17
18        int index = -1;  // default: not found
19        for (int i = 0; i < n; i++) {
20            if (arr[i] == key) {
21                index = i;   // store index when found
22                break;       // stop searching
23            }
24        }
25
26        if (index == -1) {
27            printf("-1\n");   // element not found
28        } else {
29            printf("Found at index %d\n", index);
30        }
31
32        return 0;
33    }
34
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\ACER\Desktop\itscbe> gcc dy1.c
PS C:\Users\ACER\Desktop\itscbe> ./a.exe
Enter the number of elements: 2
Enter 2 elements:
4 5
Enter the element to search: 4
Found at index 0
PS C:\Users\ACER\Desktop\itscbe>
```

⚠ 0   Ln 34, Col 1   Spaces: 2   UTF-8   CRLF   {} C