Array Problem 10:

Majority Elements:

```c
#include <stdio.h>
int main()
 {
    int n;
    printf("Enter the number of elements: ");
    scanf("%d", &n);
    int arr[n];
    printf("Enter %d integers:\n", n);
    for (int i = 0; i < n; i++) {
       scanf("%d", &arr[i]);
    }
    int candidate = arr[0], count = 1;
    for (int i = 1; i < n; i++) {
       if (arr[i] == candidate) {
          count++;
       } else {
          count--;
          if (count == 0) {
             candidate = arr[i];
             count = 1;
          }
```

```c
        }
    }
    count = 0;
    for (int i = 0; i < n; i++) {
        if (arr[i] == candidate) {
            count++;
        }
    }
    if (count > n / 2) {
        printf("Majority element: %d\n", candidate);
    } else {
        printf("Majority element: -1\n");
    }
    return 0;
}
```