CSA0317-DATA STRUCTURES

Program 2- C program to find odd or even numbers from a given set of no

```c
#include <stdio.h>
int main() {
    int n, i, num;
    // Ask user for the number of elements
    printf("Enter the number of elements: ");
    scanf("%d", &n);
    for(i = 1; i <= n; i++) {
        printf("Enter number %d: ", i);
        scanf("%d", &num);
        if(num % 2 == 0)
            printf("%d is Even\n", num);
        else
            printf("%d is Odd\n", num);
    }
    return 0;
}
```

Output:

```
Enter the number of elements: 3
Enter number 1: 2
2 is Even
Enter number 2: 7
7 is Odd
Enter number 3: 0
0 is Even


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