

2. Write a C program to find Odd or Even number from a given set of numbers

```
#include <stdio.h>

int main() {

    int n, i, num;

    printf("Enter how many numbers you want to check: ");

    scanf("%d", &n);

    for (i = 0; i < n; i++) {

        printf("Enter number %d: ", i + 1);

        scanf("%d", &num);

        if (num % 2 == 0)

            printf("%d is Even\n", num);

        else

            printf("%d is Odd\n", num);

    }

    return 0;

}
```

main.c	Output
<pre>1 #include <stdio.h> 2 int main() { 3 int n, i, num; 4 printf("Enter how many numbers you want to check: "); 5 scanf("%d", &n); 6 for (i = 0; i < n; i++) { 7 printf("Enter number %d: ", i + 1); 8 scanf("%d", &num); 9 if (num % 2 == 0) 10 printf("%d is Even\n", num); 11 else 12 printf("%d is Odd\n", num); 13 } 14 return 0; 15 } 16</pre>	<pre>Enter how many numbers you want to check: 5 Enter number 1: 5 5 is Odd Enter number 2: 6 6 is Even Enter number 3: 7 7 is Odd Enter number 4: 2 2 is Even Enter number 5: 1 1 is Odd === Code Execution Successful ===</pre>