Check a whether odd or even number

```
#include <stdio.h>
int main() {
   int number;
 printf("Enter a number: ");
   scanf("%d", &number)
if (number % 2 == 0) {
      printf("The number is even.\n");
   } else {
      printf("The number is odd.\n");
   }
return 0;
}
```

Find the Sum of Even and Odd Number

```
#include <stdio.h>

int main() {
    int start, end, num, sum_even = 0, sum_odd = 0;

    printf("Enter the start of the range: ");
    scanf("%d", &start);

    printf("Enter the end of the range: ");
    scanf("%d", &end);
```

```
    for (num = start; num <= end; num++) {
        if (num % 2 == 0) {
            sum_even += num;
        } else {
            sum_odd += num;
        }
    }

    printf("Sum of even numbers from %d to %d is: %d\n", start, end, sum_even);
    printf("Sum of odd numbers from %d to %d is: %d\n", start, end, sum_odd);
   return 0;
}
```

Check Whether a Number is Positive or Negative in c programming

```
#include <stdio.h>

int main() {
    int number;

    printf("Enter a number: ");
    scanf("%d", &number);

    if (number > 0) {
        printf("The number is positive.\n");
    } else if (number < 0) {
```

```
        printf("The number is negative.\n");
    } else {
        printf("The number is zero.\n");
    }

    return 0;
}
```

Find the Largest Number Among Three Numbers in c

```
#include <stdio.h>

int main() {
   int num1, num2, num3;

   printf("Enter three numbers: ");
   scanf("%d %d %d", &num1, &num2, &num3);

   if (num1 >= num2 && num1 >= num3) {
      printf("%d is the largest number.\n", num1);
   } else if (num2 >= num1 && num2 >= num3) {
      printf("%d is the largest number.\n", num2);
   } else {
      printf("%d is the largest number.\n", num3);
   }

   return 0;
```

```
}
```

Swap two numbers

```
#include <stdio.h>

int main() {
   int num1, num2, temp;

   printf("Enter two numbers: ");
   scanf("%d %d", &num1, &num2);

   printf("Before swapping: num1 = %d, num2 = %d\n", num1, num2);

   temp = num1;
   num1 = num2;
   num2 = temp;

   printf("After swapping: num1 = %d, num2 = %d\n", num1, num2);

   return 0;
}
```