

Swap Numbers Using Temporary Variable

```
#include<stdio.h>
int main() {
    double first, second, temp;
    printf("Enter first number: ");
    scanf("%lf", &first);
    printf("Enter second number: ");
    scanf("%lf", &second);

    // value of first is assigned to temp
    temp = first;

    // value of second is assigned to first
    first = second;

    // value of temp (initial value of first) is assigned to second
    second = temp;

    // %.2lf displays number up to 2 decimal points
    printf("\nAfter swapping, first number = %.2lf\n", first);
    printf("After swapping, second number = %.2lf", second);
    return 0;
}
```

Output

```
Enter first number: 1.20
Enter second number: 2.45

After swapping, first number = 2.45
After swapping, second number = 1.20
```