

```
/*  
  
Program to Swap Values of Two Variables Without using 3rd Variable  
*/  
  
#include <stdio.h>  
  
main()  
{  
    int a, b, temp;  
  
    printf("\nEnter any two numbers: ");  
    scanf("%d %d", &a, &b);  
  
    printf("\n\nBefore Swapping:\n");  
    printf("\na = %d\n", a);  
    printf("\nb = %d\n", b);  
  
    a = a + b;  
    b = a - b;  
    a = a - b;  
  
    printf("\n\nAfter Swapping:\n");  
    printf("\na = %d\n", a);  
    printf("\nb = %d\n", b);  
    getch();  
}
```