```c
/*

 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();
}
```