

37. Write a program to swap value of two variables using pointer.

```
#include<stdio.h>
```

```
int main(){
    int a, b;
    printf("Enter two numbers : ");
    scanf("%d %d", &a, &b);
    printf("Before swap : a = %d and b = %d\n", a, b);
    int *ptr1 = &a;
    int *ptr2 = &b;
    int temp = *ptr1;
    *ptr1 = *ptr2;
    *ptr2 = temp;
    printf("After swap : a = %d and b = %d\n", a, b);
    return 0;
}
```

-----Question 37-----

37. Write a program to swap value of two variables using pointer.

-----Answer-----

executables/37_swap_pointer

/home/s4ms3pi0l/Documents/AssignEase/C_Programs/37_swap_pointer.c

Compilation successful.

Enter two numbers : 23 69

Before swap : a = 23 and b = 69

After swap : a = 69 and b = 23

Press the Print Screen button (or press 's' to exit)...