

c program

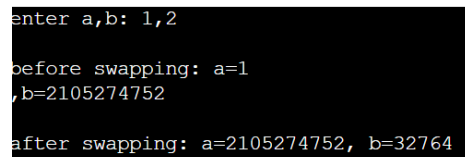
patel Dirgh

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1 swap two numbers

```
#include <stdio.h>

int main() {
    int a,b,temporary;
    printf("enter a,b: ");
    scanf("%d %d" , &a,&b);
    printf("\nbefore swapping: a=%d\n,b=%d\n", a,b);
    a=temporary;
    a=b;
    b=temporary;
    printf("\nafter swapping: a=%d, b=%d\n", a,b);
    return 0;
}
```

A screenshot of a terminal window showing the execution of the C program. The user enters '1,2' for variables a and b. The program prints 'before swapping: a=1, b=2105274752' and 'after swapping: a=2105274752, b=32764'.

```
enter a,b: 1,2

before swapping: a=1
,b=2105274752

after swapping: a=2105274752, b=32764
```

Figure 1: Caption