

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

```
void swap(int *x, int *y);
```

```
int main() {
```

```
    int a, b;
```

```
    printf("\n Enter the first number");
```

```
    scanf("%d", &a);
```

```
    printf("\n Enter the second number");
```

```
    scanf("%d", &b);
```

```
    printf("\n Before swapping : \n Number 1 = %d \n Number  
2 = %d", a, b);
```

```
    swap(&a, &b);
```

```
    printf("\n After swapping : \n Number 1 = %d \n Num  
ber 2 = %d", a, b);
```

```
    return 0;
```

```
}
```

```
void swap(int *x, int *y) {
```

```
    int temp;
```

```
    temp = *x;
```

```
    *x = *y;
```

```
    *y = temp;
```

```
}
```