



Date : _____

Page No : _____

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#include <stdio.h>
void swap(int *x, int *y);
void main() {
    int a, b;
    printf("\n Enter the first number");
    scanf("%d", &b);
    printf("\n Before swapping: \n Number 1 = %d \n\n Number 2 = %d.", a, b);
    swap(&a, &b);
    printf("\n After swapping: \n Number 1 = %d \n\n Number 2 = %d", a, b);
    getch();
}

void swap(int *x, int *y) {
    int temp;
    temp = *x;
    *x = *y;
    *y = temp;
}
```