29.Write a program to swap two integers using call by value and call by reference

```c
// Write a program to swap two integers using call by value and call by reference

#include<stdio.h>

void swapbyval(int a, int b){
    int temp = a;
    a = b;
    b = temp;
}

void swapbyref(int *a, int *b){
    int temp = *a;
    *a = *b;
    *b = temp;
}

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);
    swapbyval(a, b);
    printf("After swap by value : a = %d and b = %d\n", a, b);
    swapbyref(&a, &b);
    printf("After swap by reference : a = %d and b = %d\n", a, b);
    return 0;
}
```

```
Enter two numbers : 23 69
Before swap : a = 23 and b = 69
After swap by value : a = 23 and b = 69
After swap by reference : a = 69 and b = 23


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