PASS BY VALUE

#include<stdio.h>

void swap(int x, int y);

void main()

{

int a=6,b=10;

printf("The value of a and b is %d, %d",a , b);

swap(a,b);

printf("\nThe value of a and b is %d,%d",a,b);

}

void swap(int x,int y)

{

int temp=x;

x=y;

y=temp;

printf("\nAfter swapping %d,%d",x,y);

}

PASS BY REFERENCE

#include<stdio.h>

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

void main()

{

int a=6,b=10;

printf("The value of a and b is %d, %d",a , b);

swap(&a,&b);

printf("\nThe value of a and b is %d,%d",a ,b);

}

void swap(int \*x,int \*y)

{

int temp;

temp=\*x;

\*x=\*y;

\*y=temp;

printf("After swapping %d,%d",\*x,\*y);

}