

```

#include<stdio.h>

void swapreference(int *a,int *b);

void main()
{
    int a=10;

    int b=20;

    printf("values of a and b before swapping are %d and %d\n",a,b);

    swapreference(&a,&b);

    printf("values of a and b after swapping by call by reference are %d and %d\n",a,b);
}

void swapreference(int *a,int *b)
{
    int temp;

    temp=*a;

    *a=*b;

    *b=temp;

    printf("values of a and b inside call by reference are %d and %d\n",*a,*b);
}

```

Output:

```

values of a and b before swapping are 10 and 20
values of a and b inside call by reference are 20 and 10
values of a and b after swapping by call by reference are 20 and 10

...Program finished with exit code 0
Press ENTER to exit console.

```

