



```
Int main() {  
    Int x= 10;  
    Int y = 20;  
  
    swap_ptr (&x , &y ); # pass the address of x and y to function swap_ptr  
  
    printf("%d %d", a, b)  
  
    Void swap_ptr (int *a, int *b) {  
        *a -->10. # *a points to value 10 at address 123456  
        *b --> 20 # *b points to value 20 at address 678900  
  
        a -->123456 # pointer variable a contains the address of x from main  
        b --> 678900 # pointer variable b contains the address of y from main  
  
        *a = 20; # This assignment replaces value 10 by 20 at address 123456  
        *b = 10; # This assignment replaces value 20 by 10 at address 678900  
  
    }  
}
```