


① Pass-By-Pointer

Main memory

main 	
int a	5
int b	10
swapByValue	
int* pa	&a
int* pb	&b
int temp	

```
void swapByValue(int* pa, int* pb);
```

```
int main(void) {  
    int a = 5, b = 10;
```

```
    swapByValue(&a, &b);
```

```
    return 0;
```

```
}
```

```
void swapByValue(int* pa, int* pb) {
```

```
    int temp = *pa;
```

```
    *pa = *pb;
```

```
    *pb = temp;
```

```
}
```