

1. Consider the following program written in C syntax:

For each of the following parameter-passing methods, what are all of the values of the variables value and list after each of the three calls to swap?

- a. Passed by value
- b. Passed by reference
- c. Passed by value-result
- d. python

2. Consider the following program written in C syntax:

For each of the following parameter-passing methods, what are the values of the list[] after calling fun() ?

- a. Passed by value
- b. Passed by reference
- c. Passed by value-result
- d. python

```
void swap(int a, int b) {  
    int temp;  
    temp = a;  
    a = b;  
    b = temp;  
}  
void main() {  
    int value = 2, list[5] = {1, 3, 5, 7, 9};  
    swap(value, list[0]);  
    swap(list[0], list[1]);  
    swap(value, list[value]);  
}
```

```
void fun (int first, int second) {  
    first += first;  
    second += second;  
}  
void main() {  
    int list[2] = {1, 3};  
    fun(list[0], list[1]);  
}
```

과제 : Due to 5월 18일 (화요일)