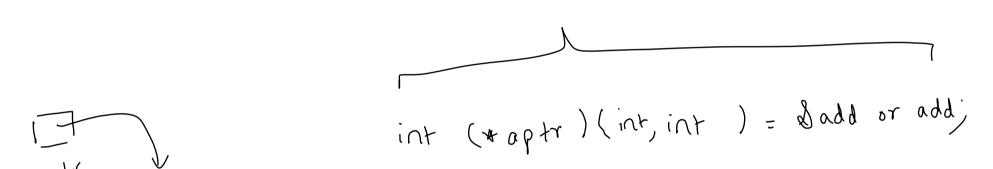
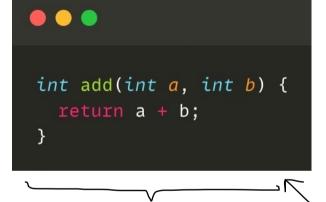
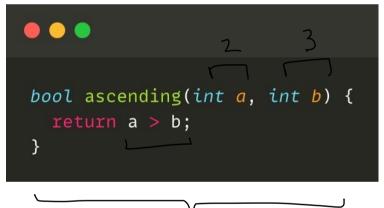
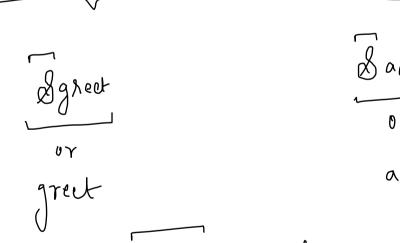
Function Pointers

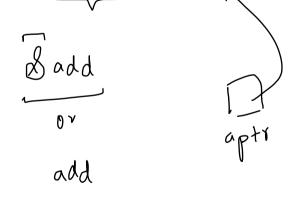


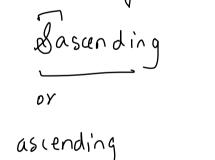




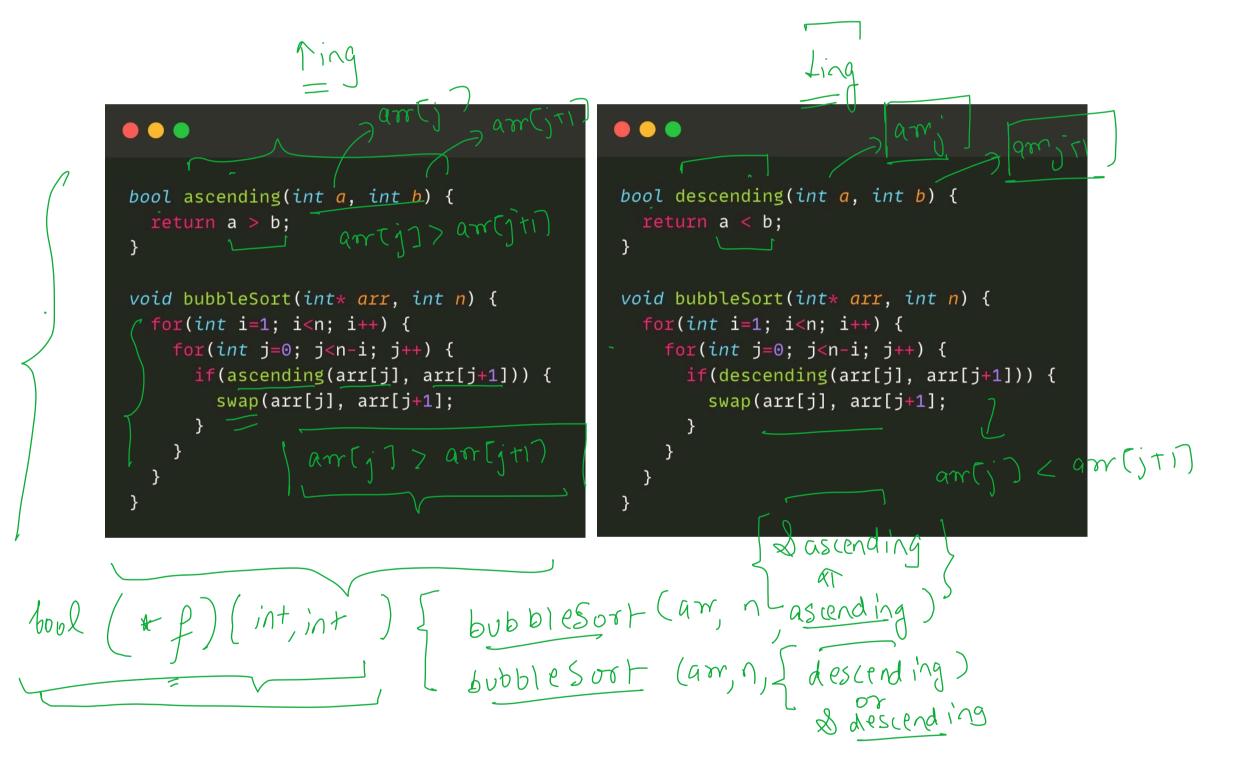








Functions used as arguments to another function are called as Callback Functions.



```
bool ascending(int a, int b) {
  return a > b;
}

bool descending(int a, int b) {
  return a < b;
}

void bubbleSort(int* arr, int n, bool (*f)(int, int)) {
  for(int i=1; i<n; i++) {
    for(int j=0; j<n-i; j++) {
      if(f(arr[j], arr[j+1])) { // (*f)(arr[j], arr[j+1])}
      swap(arr[j], arr[j+1];
    }
}

bubbleSort (arr, n, descending)

bubbleSort (arr, n, descending)

A descending</pre>
```