

Java

```
class Allocator {  
    public Allocator(int n) {  
    }  
  
    public int allocate(int size, int mID) {  
  
    }  
  
    public int free(int mID) {  
  
    }  
}
```

JavaScript

```
/**  
 * @param {number} n  
 */  
var Allocator = function(n) {  
  
};
```

```

/**
 * @param {number} size
 * @param {number} mID
 * @return {number}
 */
Allocator.prototype.allocate = function(size, mID) {

};

/**
 * @param {number} mID
 * @return {number}
 */
Allocator.prototype.free = function(mID) {

};

```

C++

```

class Allocator {
public:
    Allocator(int n) {

    }

    int allocate(int size, int mID) {

    }
}

```

```
int free(int mID) {  
    }  
};
```
