

Pauta Auxiliar 4

Profesor: Pablo Guerrero.

Auxiliar: Ian Yon

Viernes 24 de abril de 2015



Departamento de Ciencias de la Computación
UNIVERSIDAD DE CHILE

Problema 1

```
int r(int *array, int length){
    int i;
    for(i=0; i<length; i+=2)
        s(&array[i], &array[i+1]);
}

int s(int *a, int *b){
    int aux;
    aux = *a;
    *a = *b;
    *b = aux;
}
```

Problema 2

```
void updater(struct node *nod, int (*operation)(int, int), int father){
    if (nod->left!=0) updater(nod->left, operation, nod->value);
    nod->value =operation(nod->value,father);
    if (nod->right!=0) updater(nod->right, operation, nod->value);
}
```

Problema 3

```
struct node{
    struct node *left;
    struct node *right;
    int val;
};

int t(struct node *root){
    if(root == NULL) return 0;
    return root->val + t(root->left) + t(root->right);
}
```