

# Review



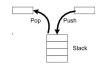


## Problems of the previous presentation

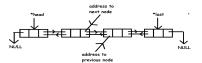
- Kinect-data
- Speed analysis

## Data structures to implement

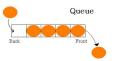
Stack



Double linked list



Queue



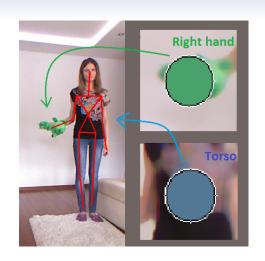
# Complexity Analysis

Data Estructure	Storage	Using the methods
Stack	O(n)	O(n)
Linked list	O(1)	O(n)
Queue	O(1)	O(n)

#### Class conversion

- convertir(string pjoint1, string pjoint2, int n);
- IlenarArregloAngulos();
- getArregloAngulos();





 $\vec{A} \cdot \vec{B} = A B \cos \theta$ 

### Class compara

- sacapromedios(double arreglo);
- arreglo\_promedio(double arreglo\_prom1, double arreglo\_prom2);

### $arreglo\_promedio\\$

sacapromedios

Array recibido:

Array recibido:

[prom(n1, k1, ..., l1, m1)]

[n, k, ..., l, m]

[prom(n2, k2, ..., l2, m2)]

Array retornado:

[prom(n, k, ..., l, m)]

Array retornado:

[1,0,0,1,0,1,1,0,1,1]

### Class compara

- comparar\_angulos(int promedio);
- comparar\_velocidad(int pSizeMov1, int pSizeMov2);







### Gracias