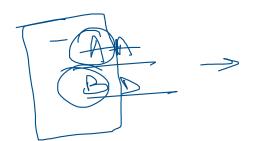
- 1. Pending String Functions
- 2. Bubble Sort
- 3. Recursion
- 4. Fibonacci
- 5. Binary Search



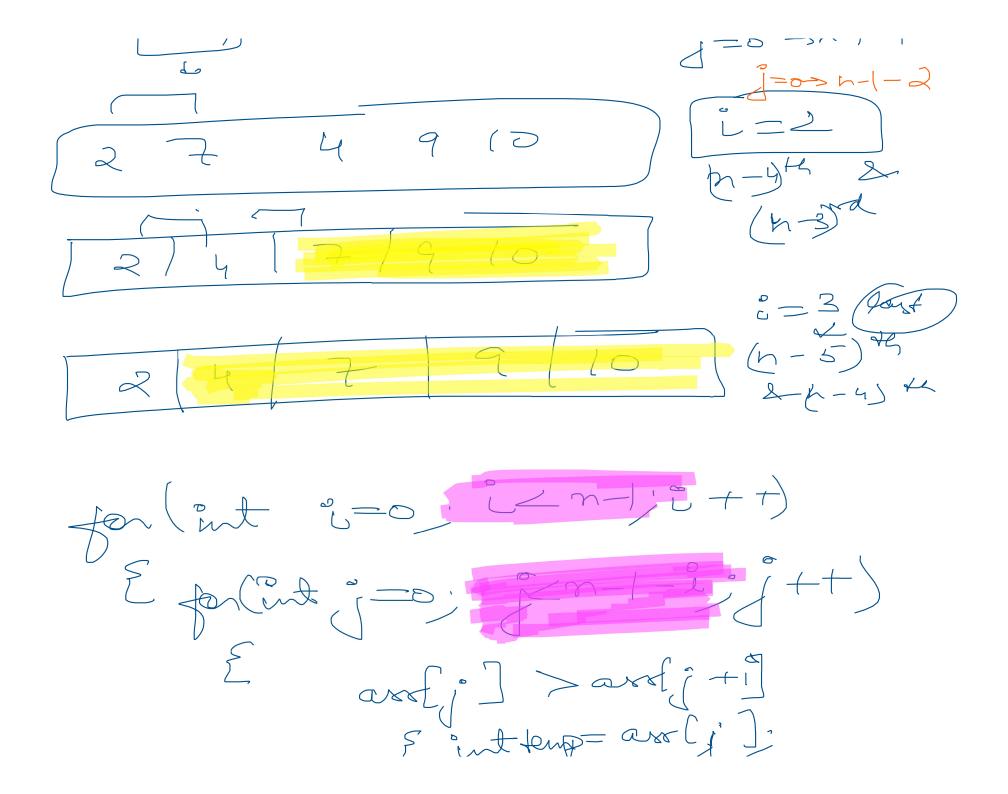






Bubble Sort

= 01 Pass Completed 10 2 Past=> (n-2)th (n-1 2 m-1th $-\frac{1}{(n-2+1)}$ ten $\frac{1}{2}$ under - - - l - \wedge



accept = accepted; \rightarrow (\sim)Lecursian A function calling itself directly indirectly. Jedirect Disect void A() EBL); Jun () void B() EAC)

base Coult / Terrisonting Condition To print descending void from Cint on Barl 3 c fun(n-1); Stach Call By Value A(int x) main () { int y=5; 3 4(1) .. Call by Value A[Student SI) § SI. name = 11 fram 1); SI=mll =

PS.V main

Studens = now Student (1 Ram M).

A(S).

3. vana

Java Supports Only Call by Value

2 Asseme te Steps

7 for every step o(1) $\left(> \left(r \right) \right)$ Worst Cap > 2 = m log(2h) = log(m)

= log m Roy 2 log B > log B plog ox 2 2 M