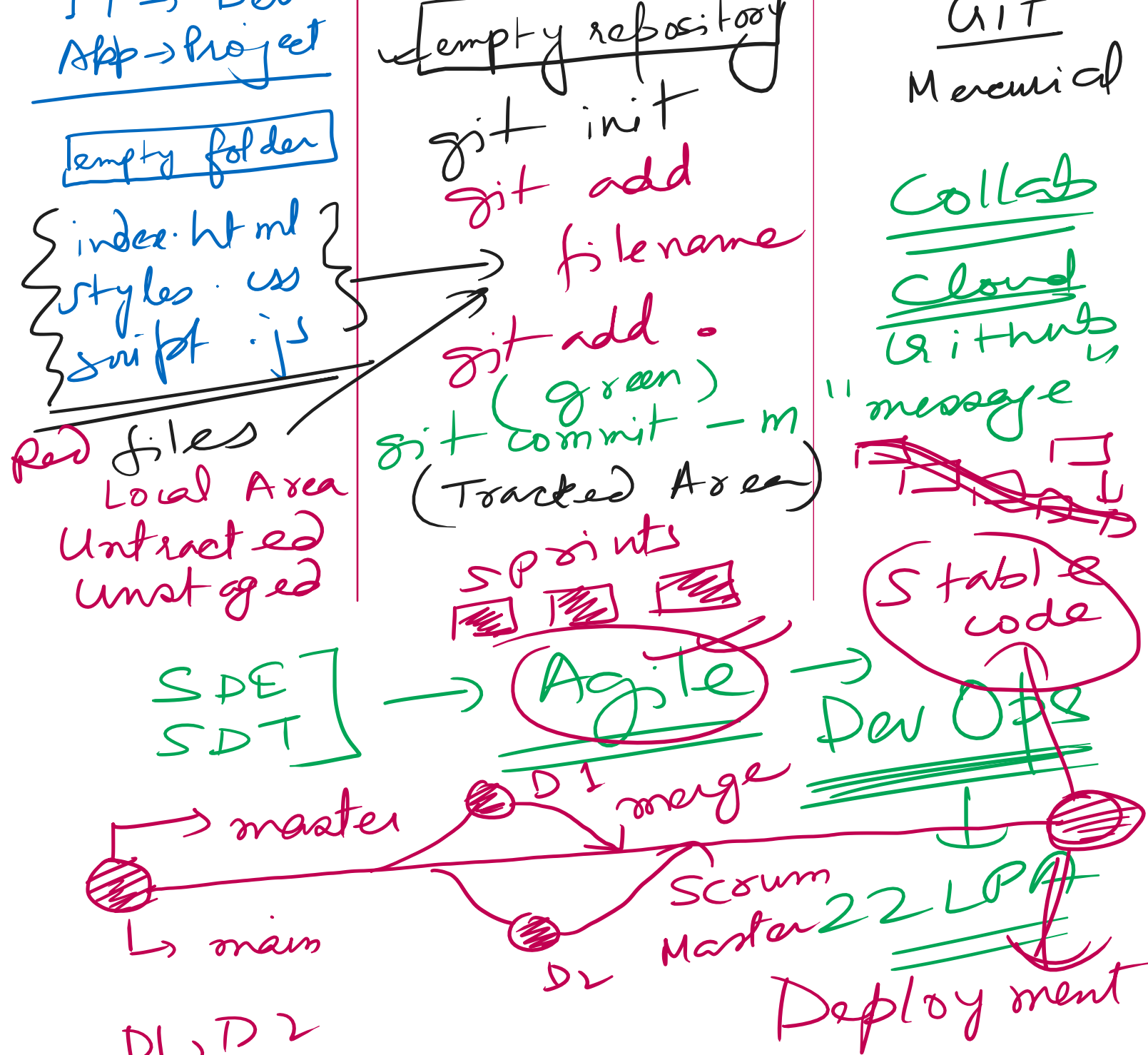


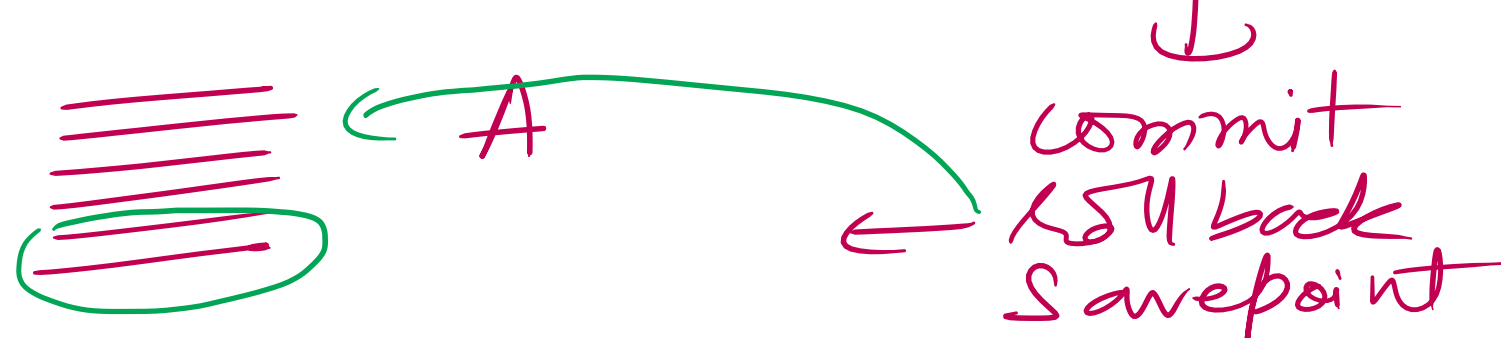
Introduction to Version Control



commit → own → code

→ checksum

DDL, DQL, DML, TCL



PAT → remote Personal Access Token

PR → Pull Request

Merge Two Sorted Arrays:

$a_1 = \{1, 3, 5, 7, 9\}$

$a_2 = \{2, 4, 6, 8, 10\}$ → out copy

Two pointer approach →

if $a_1[i] < a_2[j]$

$a_3[k++] = a_1[i++]$

else $a_3[k++] = a_2[j++]$

$k=0$

$a_3 = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$

Merge Sort Algo → Recursion

(Divide & Conquer Algo)

$\log N$

$[l = m+1]$

$[r = e-m]$

$mid = \frac{s+r}{2}$

$[n \times \log N]$

Sorted

$\alpha(n)$

C → C++ → constant

const

final

Java ? final

class → inherit

method → override

variable → constant/change

parameter → constant/change

106 → static

Can we run the java app without using

main() ? → No

11B → Instance

Initializer

Block

.p.p.

Agenda: → 19th March

Linked List

SLL → 6 operation

→ C++

→ Trees + Heaps

→ Graphs

Feedback:

bigdata training . com

Session code: →

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