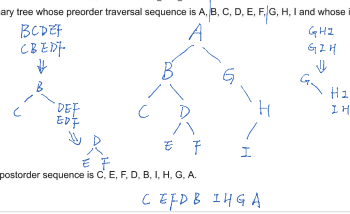


by Chris

https://app.lms.unimelb.edu.au/webapps/assessment/review/review.jsp?attempt_id=12463868&course_id=289856&content_id=5282307&outcome_id=11174681&outcome_definition_id=1237478&t... 1/5

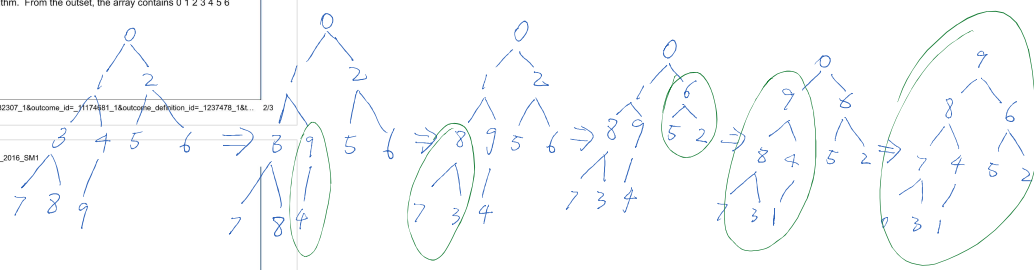
https://app.lms.unimelb.edu.au/webapps/assessment/review/review.jsp?attemptId=124638681&courseId=2898561&contentId=52823071&outcomeId=111746811&outcomeDefinitionId=12374781&t... 2/3



C E F D B I H G A

$$2^{\text{height}} - 1$$

$2^5 - 1 = 2^5 - 1$ for a full 5-height tree

$$100 - (2^5 - 1) = 87$$


method:
keep adding marks "-" & "|" till mismatch.
like:
9 8 2 5 7 1 0 9 3 6
| 8 2 5 7 1 0 9 3 6
| 8 2 5 7 1 0 9 3 6

-- OK

~~7~~ ~~8~~ ~~2~~ 5 7 1 0 9 3 6
~~9~~ ~~8~~ ~~2~~ ~~5~~ 7 1 0 9 3 6

f_source_id=288956&icontent_id=5282307&outcome_id=11174681&outcome_definition_id=1237478.1

~~7~~ ~~8~~ ~~2~~ ~~5~~ 7 1 0 9 3 6