

CS1010

https://github.com/DigiPie/cs1010_tut_c09

Today's plan

- Kahoot Quiz
- Revision for mid-terms
- Consultation

The background of the image is a stylized world map divided into four quadrants by a vertical and a horizontal line. The top-left quadrant is red, the top-right is blue, the bottom-left is yellow, and the bottom-right is green. The word "Kahoot!" is written in a large, white, rounded font across the center of the image, with the exclamation mark positioned at the end of the word in the green quadrant.

Kahoot!

Mid-term

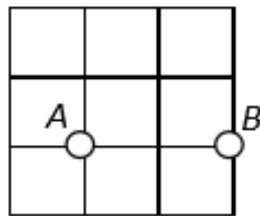
- Date: 2 October, 2018 (Tuesday)
- Time: 4pm to 6pm
- Venue: MPSH 1 (Section B)
- Scope: Units 1-12, Assignments 1-2, Tutorials 1-4
- MCQs and Short Structured Questions
- Duration: 90 minutes
- Open Book (You can bring analog references)

Tips for Mid-term and Practical Exam

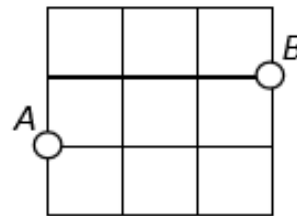
- Revise Problem Sets (again and again)
- Do not use ++index or index--
- Always put { and }
- Name a bool variable with a prefix is_ or has_ as a convention.

<https://piazza.com/class/jkqlna92ju045j?cid=206>

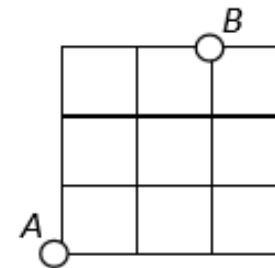
In a special town where pedestrians are only allowed to move northwards or eastwards, each of the following examples shows the total number of unique NE-paths, $\text{ne}(\mathbf{x}, \mathbf{y})$, to get from point A to point B , where B is x rows north and y columns east of A . Assume that x and y are non-negative integers. By convention, $\text{ne}(0, 0) = 1$.



$$\text{ne}(0, 2) = 1$$



$$\text{ne}(1, 3) = 4$$



$$\text{ne}(3, 2) = 10$$

Write a recursive function **int ne(int, int)** to compute the number of NE-paths.



THE END

https://github.com/DigiPie/cs1010_tut_c09