## **Assignment 8**

### 2018BTECS00105

# https://github.com/KrishnaPoul105/Assignment8

#### We now know a lot more about 'Mario Kart Live: Home Circuit'

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Mario Kart Live: Home Circuit was actually announced last month, but today Nintendo revealed new details about the "mixed reality" game ahead of its launch on October 16th. The software is free to download but it won't work without one of the camera-equipped toy karts, which cost \$99 apiece for Mario or Luigi. So, while there is a single-player mode, you'll have to shell out double to race against a friend or sibling — and more if they don't have their own Switch, since each player must have their own device. Up to four karts can race at a time, so if you want to do Mario vs.

Mario vs. Mario, knock yourself out. If that's

## **Infinite Coding**

## Problem Statement: Write a Program for Tower of Hanoi.

#### Method to Solve:

Tower of Hanoi is a mathematical puzzle where we have three rods and n disks. The objective of the puzzle is to move the entire stack to another rod, obeying the following simple rules

Each move consists of taking the upper disk from one of the stacks and placing it on top of another stack i.e. a disk can only be moved if it is the uppermost disk on a stack.

No disk may be placed on top of a smaller disk

Take an example for 2 disks: Let rod 1 = 'A', rod 2 = 'B', rod 3 = 'C'. Step 1 : Shift first disk from 'A' to 'B'. Step 2 : Shift second disk from 'A' to 'C'. Step 3 : Shift first disk from 'B' to 'C'.



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color: red;
font-size.160%;
text-oi.gn:center;
border-style: dotted;
border-style: dotted;
margin-top: 180.px;
margin-top: 180.px;
margin-left: 180.px;

margin-left: 80.px;

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