

CO - IMPLEMENTATION EXAM

[Conducted By Mitali Mam]

[U19CS012]

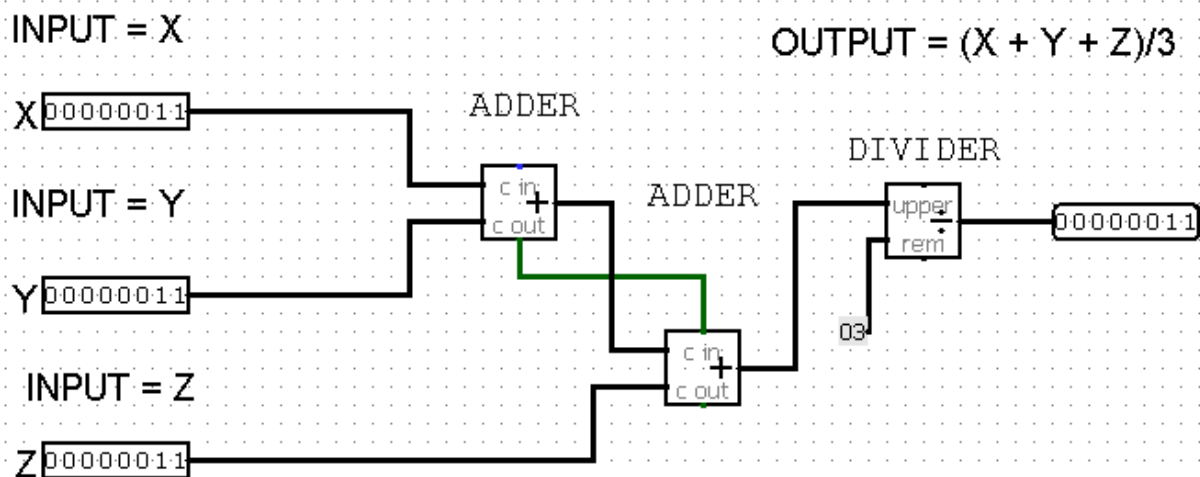
Problem Statement: To Modify Assignment 7 Circuit $[(X+Y)/2]$ to $[(X+Y+Z)/3]$.

Circuit Diagram:

EVALUATION OF CO [BY MITALI MAM]

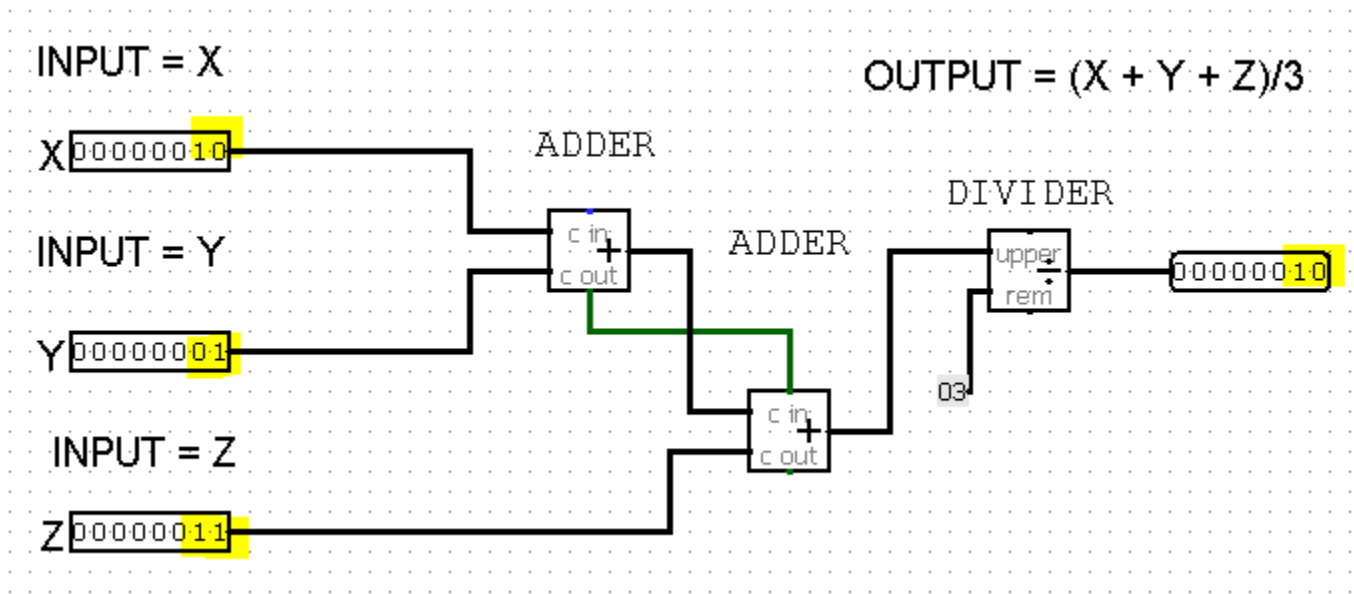
U19CS012 [BHAGYA VINOD RANA]

AIM : TO GENERATE $(X+Y+Z)/3$



Test Cases:

A.) $x = 2, y = 1, z = 3 \rightarrow (x+y+z)/3 = 6/3 = 2 = [0000\ 0010]$



B.) $x = 7, y = 10, z = 5 \rightarrow (x+y+z)/3 = \text{floor}(22/3) = 7 = [0000\ 0111]$

