Task IV

Experiment 1

Given the binary state table, the aim of this experiment is to complete the realization using D,T and JK Flip Flops.

Methodology

The group first created the K-Map for the output Z and then completed the state table for the next state of y1 and y2 using the given binary state table. After this the truth table for each Flip Flop was specified and used as a guide to complete the realization, and finally the equation for each realization was derived using k-maps.

Results

