**COA**

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**LAB 4**

**DATA TRANSFER IN MIPS:**

Q NO 1: Load a value from memory and add 10 to it. Store the result back in memory and show the result on console. ( *hint: use MIPS instructions lw and sw*)

Q NO 2: Load a value from memory and double it. Store the result back in memory also show on the console. (*use sll, sw and lw*)

Q NO 3: Load an address of a label into a register and jump to that address and perform addition in that address. *.(use jr(jump register) )*

Q NO 4: Write assembly program to find the Fibonacci series.

0, 1, 1, 2, 3, 5, 8, 13, 21, 34, ...

Users will be asked to enter a number, for instance 9. Then assembly will print the first 9 numbers of Fibonacci series.