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User input – 1-7 inputs on command line, each unique and between 1 and 9

Steps:

Validate input:

Number of inputs, value of each input

Attach Memory:

Request shared memory, attach shared memory

Insert values into shared memory

Function that adds the value to array (note burn 0 index)

Fork process-

Fork(), make sure each process can identify it ‘self ( manage with loop and counter \*)

Split off parent and child process

Child process –

Identify child, it’s pid, and change that child’s memory (it’s index is the child id)

Notify each step

Parent process-

Wait for child ( make sure each child is accounted for)

Print results

Remove memory –

Detach memory

Remove memory