Our tower of Hanoi MIPS code is based on this C code:

```
#include <stdio.h>
 void move(int n, char from, char to, char via)
{
 if (n > 0) {
   move (n - 1, from, via, to);
   printf ("Move disk %d from rod %c to rod %c \n", n, from, to);
   move (n - 1, via, to, from);
        }
}
int main()
{
 Move (3, 'A', 'C', 'B');
 return 0;
}
```

Except that in our MIPS code the user inputs the initial number of disks. Code assumes 3 rods.

Example n=3:
Graphic: