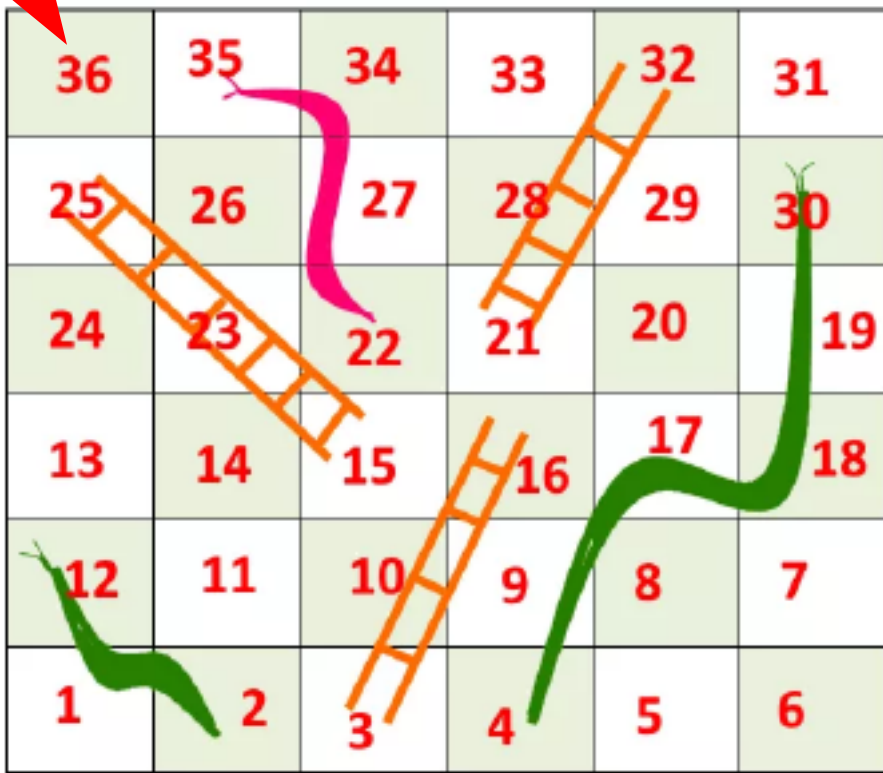


N = 6

The paths from 1 to 36 are as follows

- 1->2 Length = 1
 - 1->3 NO Path
 - 1->4 Length = 1
 - 1->5 Length = 1
 - 1->6 Length = 1
 - 1->7 Length = 1
 - 1->2->8 Length = 2
 - 1->4->9 Length = 2
 - 1->4->10 Length = 2
 - 1->5->11 Length = 2
 - 1->12 NO Path
 - 1->7->13 Length = 2
 - 1->2->8->14 Length = 3
 - 1->15 NO Path
 - 1->16 Length = 1
 - 1->(3)16->17 Length = 2
 - 1->(3)16->18 Length = 2
 - 1->(3)16->19 Length = 2
 - 1->(3)16->20 Length = 2
 - 1->21 NO Path
 - 1->(3)16->22 Length = 2
 - 1->(3)16->17->23 Length = 3
 - 1->(3)16->18->24 Length = 3
 - 1->(3)16->19->25 Length = 3
 - 1->(3)16->20->26 Length = 3
 - 1->(3)16->22->27 Length = 3
 - 1->(3)16->22->28 Length = 3
 - 1->(3)16->17->23->29 Length = 4
 - 1->30 NO Path
 - 1->(3)16->19->25->31 Length = 4
 - 1->(3)16->32 Length = 2
 - 1->(3)16->(21)32->33 Length = 3
 - 1->(3)16->(21)32->34 Length = 3
 - 1->35 NO Path
 - 1->(3)16->(21)32->36 Length = 3
- WORK DONE = 29



SNAKE 35 -> 22
SNAKE 30 -> 4
LADDER 21 -> 32
LADDER 15 -> 25
SNAKE 12 -> 2
LADDER 3 -> 16