Rho Function

For rho we will not inverse the string. We will shifts the bits of the string according to the table shown below

	X=3	X=4	X=0	X=1	X=2
Y=2	1	7	3	2	3
Y=1	7	4	4	4	6
Y=0	4	3	0	1	6
Y=4	0	6	2	2	5
Y=3	5	0	1	5	7

Always shift the bits by the above table

For example, take the value at x =1, y = 0 the value is 62,

62 value should produce 31 as the output.

Converting to binary (62) -> 01100010

Now according to the table we will shits the bits by 1.

The output will be (00110001) -> 31 which is the desired output.

We have verified the results with the code.