Q1		
Inp		Comparison
	100	198
	1000	1998
	10000	19998
	100000	199998
	1000000	1999998

Q2		
Inp		Comparison
	100	127
	1000	1023
	10000	11807
	100000	131071
	1000000	1048575

## Min-Max Q1 and Q2

