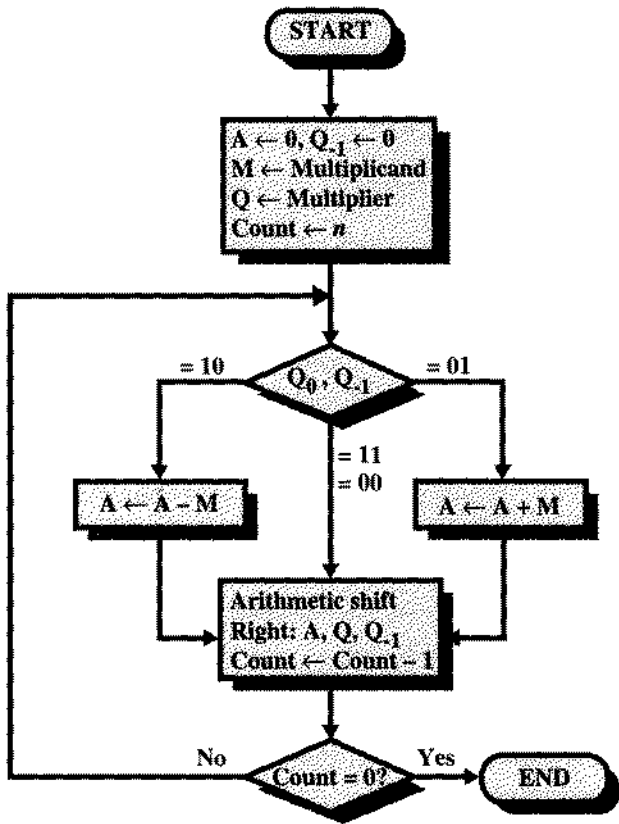




A	Q	Q ₋₁	M		
0000	0011	0	0111	Initial values	
1001	0011	0	0111	A ← A - M Shift	} First cycle
1100	1001	1	0111		
1110	0100	1	0111	Shift	} Second cycle
0101	0100	1	0111		
0010	1010	0	0111	A ← A + M Shift	} Third cycle
0001	0101	0	0111		
				Shift	} Fourth cycle