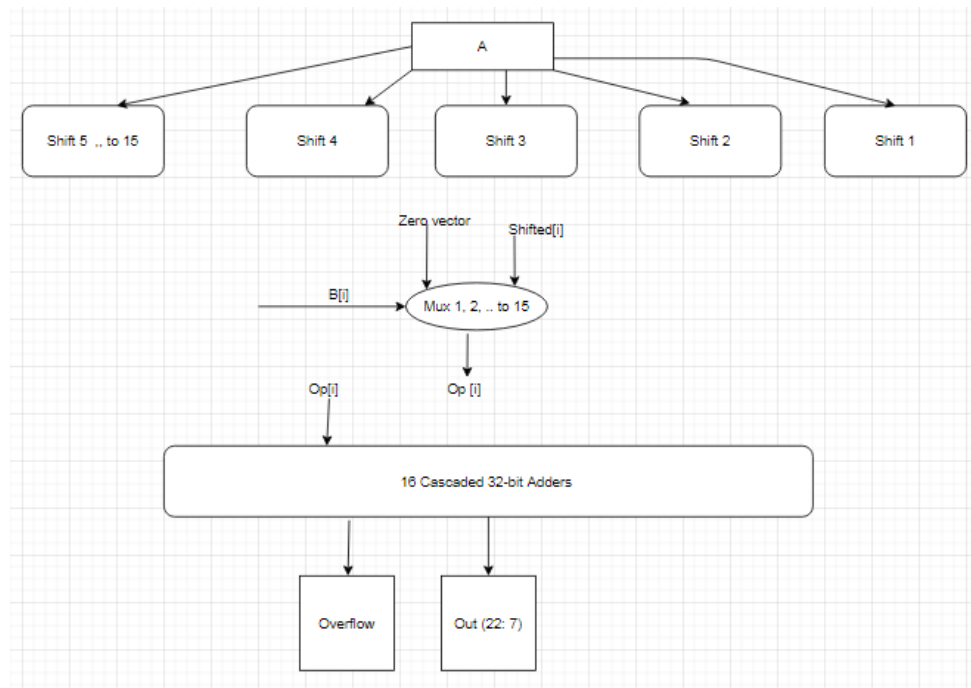


Multiplication

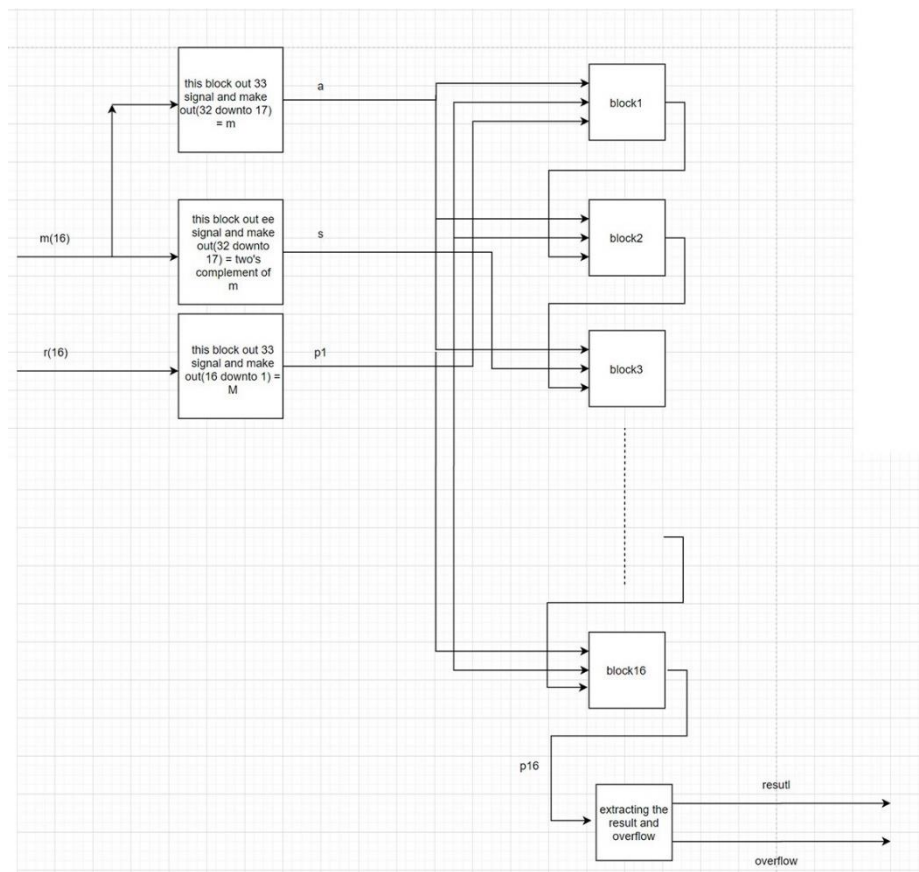
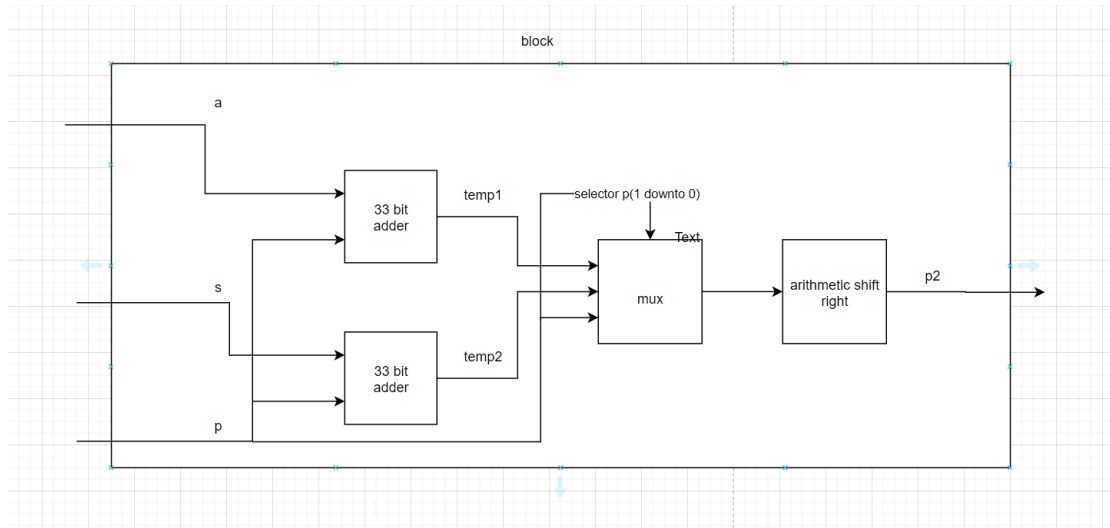
1-Add and Shift:-

Implemented as a combinational circuit, according to the following design:-



2- Booth:

Also a combinational circuit, according to the following design:-



Comparison between the two algorithms in power, area and time:

	Power	Area	Timing	
			Arrival time	Slack
Add and shift	5457.830566	2029	14224	27776
booth	8304.995117	3087	6148.3	35851.7