No.	Operations	Description
1	Linear Algebra	Matrix/Vector operations, i.e., addition, subtraction, multiplication
2	Sampling	MCMC(i.e., Gibbs sampling), random sampling
3	Logic Operations	A collection of Hash algorithms, i.e., MD5
4	Transform Operations	FFT, DCT, Wavelet Transform
5	Set Operations	Union, intersection, complement
6	Graph Operations	Graph-theoretical computations, i.e., graph traversal
7	Sort	Partial sort, quick sort, top k sort
8	Statistic Operations	Count operations