CA Project-1 (Graphs Screen shots)

Graphs:

Fixed Cache line size = 8 and Way associative = 1

Fixed Cache line size = 8 and Way associative = 2

Fixed Cache line size = 8 and Way associative = 4

Fixed Cache line size = 8 and Way associative = 8

Fixed way associative = 1 and Cache line size = 2

Fixed way associative = 1 and Cache line size = 4

Fixed way associative = 1 and Cache line size = 8

Fixed way associative = 1 and Cache line size = 16

Fixed way associative = 1 and Cache line size = 32

Fixed way associative = 1 and Cache line size = 64

Fixed way associative = 4 and Cache line size = 2

Fixed way associative = 4 and Cache line size = 4

Fixed way associative = 4 and Cache line size = 8

Fixed way associative = 4 and Cache line size = 16

Hit Ratio

Cache size(Kb)

Fixed way associative = 4 and Cache line size = 32

Hit Ratio

Cache size(Kb)

Fixed way associative = 4 and Cache line size = 64

Fixed line size = 8 and Way associative = 1

Fixed line size = 8 and Way associative = 2

Fixed line size = 8 and Way associative = 4

Fixed line size = 8 and Way associative = 8

Fixed way associative = 1 and cache line size = 2

Fixed way associative = 1 and cache line size = 4

IPC vs Cache size(Kb)

Fixed way associative = 1 and cache line size = 8

IPC vs Cache size(Kb)

Fixed way associative = 1 and cache line size = 16

Fixed way associative = 1 and cache line size = 32

Fixed way associative = 1 and cache line size = 64

Fixed way associative = 4 and cache line size = 2

Fixed way associative = 4 and cache line size = 4

Fixed way associative = 4 and cache line size = 8

Fixed way associative = 4 and cache line size = 16

Fixed way associative = 4 and cache line size = 32

Fixed way associative = 4 and cache line size = 64