R 0x23242315

-------------------------------------------------------------------

Char op;

Long long int add;

While(inp.eof())

{

Inp>>op>>hex>>add;

// Simulation begins

Simulate\_access(op,add);

// simulation ends

}

Print out the statistics

-------------------------------------------------------------------------

Long long int tag\_array[num\_sets][assoc];

Long long int lru\_position[num\_sets][assoc];

bool dirty[num\_sets][assoc];

Void Simulate\_access(char op, long long int add)

{

Int set = (add/64)%num\_sets;

Long long int tag = add/64;

For(int i=0; i< assoc; i++)

{

If(tag==tag\_array[set][i])

{Hit++;

If(lru)

Update\_lru(add);

Else

Update\_fifo(add);

}

Else

{

Miss++;

}

}

}