## Assignment No. 11: Static Hashing

**Write a program to implement static hashing.**

1. Consider any relation already you have created e.g. Instructor

2. Consider one attribute as a search key value. e.g. dept-name

3. Consider 8 buckets.

4. Calculate binary representation of dept-name mod 8

5. And assign that dept-name to that bucket as an output.

Example: dept\_name = Music

## M = 01001101

## u = 01110101

## s = 01110011

## i = 01101001

## c = 01100011

## Binary Addition = 01000000001

## Decimal Value = 513

## 513 MOD 8 = 1

## Bucket 1 assign Music.

## Bucket 1: Music

## Bucket 2: History

## Bucket 3: Physics

## Bucket 4: Finance , etc