

# Hashing Java by Munawar

## Hashing Technique

Technique to convert key values into indexes.

Hashing technique used hash function.

It is fast searching.

## Errors in hash technique

Downfall of hashing technique

$$11\%10 = 1$$

$$21\%10 = 1$$

Hash collision is a problem.

## Handle collision

Open addressing to handle this collision.

Another technique to solve chaining technique.

## Load factor

Load factor is a measure how full the table before its capacity is automatically increase.

## Classes in Hash

Hash Set

Hash Map

Linked Hash Map

## Hash Table

Hash is a technique to adding and searching elements is fastest way.

## Source Code

```
import java.lang.reflect.Array;
import java.util.*;

public class NewTask {
    public static void main(String[] args) {

// Only discuss the theory

    }
}
```

Thank You