

## Map.fromIterable:

```
void main(){
    List <String> names=["Tarunika", "Bhargavi", "Chandini"];

    Map<String,int>namesLength= Map.fromIterable(names, key:(names)=> names,
    value:(names)=>names.length);

    print(namesLength);
}

//It prints {Tarunika: 8, Bhargavi: 8, Chandini: 8}
```

## Map.fromIterables:

```
void main(){
    List <String> names=["Tarunika", "Bhargavi", "Chandini"];

    List <String> city=["Kurnool","davangere", "chittoor"];

    Map<String,String>namesLength1= Map.fromIterables(names,city);

    print(namesLength1);
}

//It prints {Tarunika: Kurnool, Bhargavi: davangere, Chandini: chittoor}
```

## 1. Using forEach()

```
namesLength1.forEach((key, value) {
    print('$key $value');
```

## 2. Using a for-in loop with entries

```
for (var entry in namesLength1.entries) {
    print('${entry.key} ${entry.value}');
}
```

### 3. Iterate only over keys

```
for(var i in namesLength1.keys){  
    print('$i');
```

### 4. Iterate only over values

```
for(var i in namesLength1.values){  
    print('$i');
```

### Null-Coalescing Operator

```
void greet(String? name) {  
    String displayName = name ?? 'Tarunika';  
    print('Hello, $displayName');  
}
```