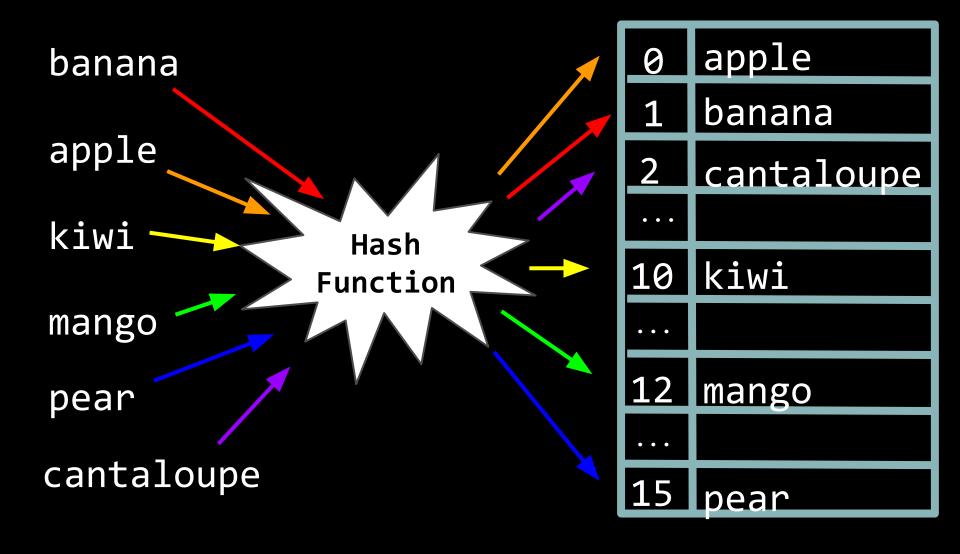
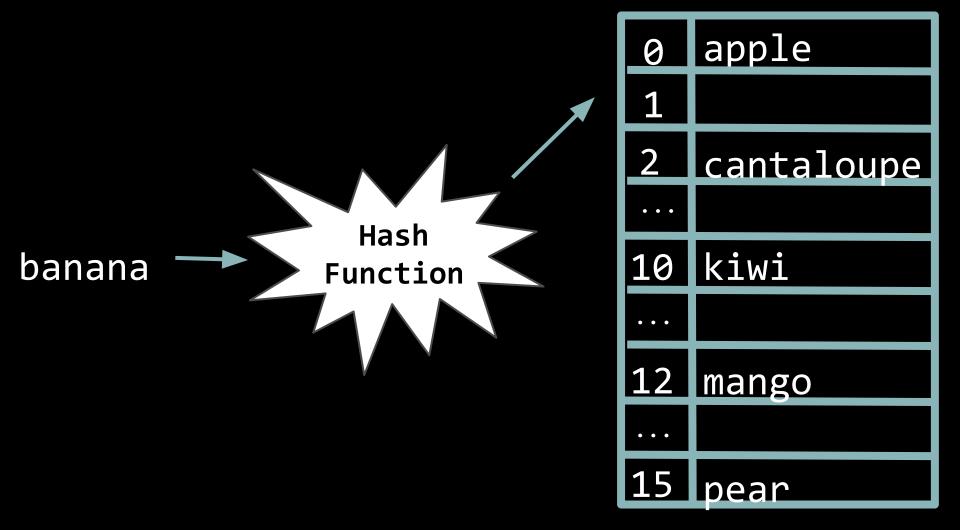
Hash Tables



Hash Function

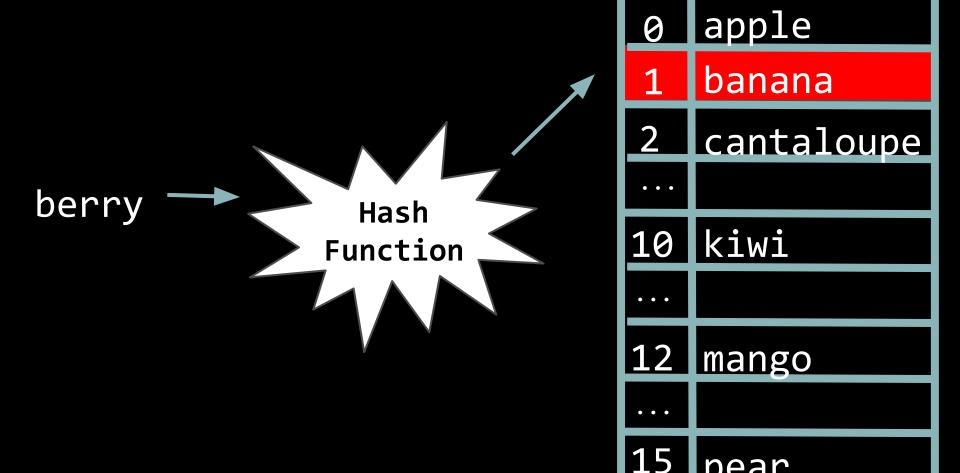


Hash Function Example

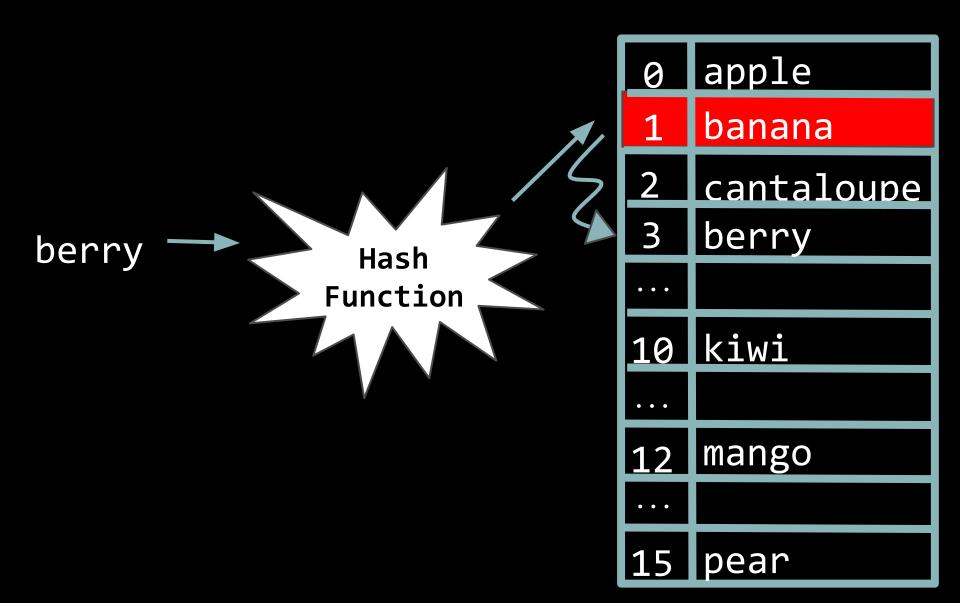
```
int hash_function(char* key)
{
    // hash on first letter of string
    int hash = toupper(key[0]) - 'A';

    return hash % SIZE;
}
```

Collisions



Linear Probing



Separate Chaining

