Lab 3 Double Hashing Clarification

In Double hashing

```
hash(key) calculates (key>>8) | ((key&0xff)<<16)</pre>
hashIndex(key) calculates hash(key)%table_.size()
tableSize is (in our case constant 191)
doubleFactor is (in our case constant 181)
hash2(key) calculates doubleFactor_-( hash(key); % doubleFactor_)
f(i,key) is i*hash2(key)
in lookUp(key) startIndex = hashIndex(key)
               index= startIndex;
               i=0;
loop
               if table[index] is empty
                    return index
               else if on position table[index] is key, return index
               if not all above : collision; use double hashing
               ++i; ++collisions;
               index=(f(i, key)+startIndex)%table_.size();
               if (index == startIndex)
                    return table_.size()+1
end_loop
```