

# Lec08作业

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**在IMP语言中增加取值和寻址表达式、修改指针指向的内容，其语法进行了如下扩充：**

```
Command ::= *Identifier = Expression
Expression ::= *Identifier
            | &Identifier
```

解：

```
execute [*I = E] env sto =
  let val = evaluate E env sto in
  let loc = find(env, I) in
    let locI = feach(sto, loc) in
      sto(locI)
    update(env, sto loc)
```

```
evaluation [*I] env sto =
  let loc = find(env, I) in
    let locI = feach(sto, loc) in
      sto(locI)
```

```
evaluation [&I] env sto =
  find(env, I)
```