

语句: `type numbers is table of number index by binary_integer;`其作用是,加了” `index by binary_integer` ” 后, `numbers` 类型的下标就是自增长,

可以自动根据下标找到对应的值。`numbers` 类型在插入元素时, 不需要初始化, 不需要每次 `extend` 增加一个空间。

而如果没有这句话 “`index by binary_integer`”, 那就得要显示对初始化, 且每插入一个元素到 `numbers` 类型的 `table` 中时, 都需要先 `extend`.

没加 “`index by binary_integer`” 时:

```
declare
```

```
type numbers is table of number;
```

```
m numbers := numbers();
```

```
begin
```

```
m.extend;
```

```
m(1) := 2;
```

```
m.extend;
```

```
m(2) := 3;
```

```
for i in 1 .. m.count loop
```

```
dbms_output.put_line(m(i));
```

```
end loop;
```

```
end;
```

输出： 2， 3

而如果加了 “index by binary\_integer” ， 代码如下写就可以达到上面的效果

```
declare
```

```
type numbers is table of number index by binary_integer;
```

```
  m numbers;
```

```
begin
```

```
  m(1) := 2;
```

```
  m(2) := 3;
```

```
  for i in 1..m.count loop
```

```
    dbms_output.put_line(m(i));
```

```
  end loop;
```

```
end;
```