變數豐一



```
var a = 1;
console.log(a); // 會印出什麼?
```



```
console.log(a); // 會印出?
var a = 1;
```



變數提昇

Variable Hoisting

```
被拉到上面?
```

```
var a;
```

```
console.log(a); // 所以印出 undefined a = 1;
```



福睪 VS. 直睪

Compilation vs Interpretation



建立期 /s. 執行期

Creation Phase vs. Execution Phase



建立期

TA 註冊名稱 (Identifier) +進行初始化 1B

執行期

2 執行函數/賦值



```
var a = 1;
console.log(a);
```

```
建立期
          1B
             undefined
<sup>1A</sup>Vara;
console.log(a);
```

```
var a = 1;
console.log(a);
```

```
執行期
```

- console.log(a);

不是



```
console.log(a);
var a = 1;
```

```
建立期
console.log(a);
1A Var a; undefined
        1B
```

```
console.log(a);
var a = 1;
```

```
執行期
```

- 2 console.log(a);
- 2 a = 1; < 1

undefined

儿測驗



```
var a = 1;
var a;
```



console.log(a); // 會印出什麼?



```
if (false) {
  var a = 1;
```

```
console.log(a); // 會印出什麼?
```





另一種變數堂當一



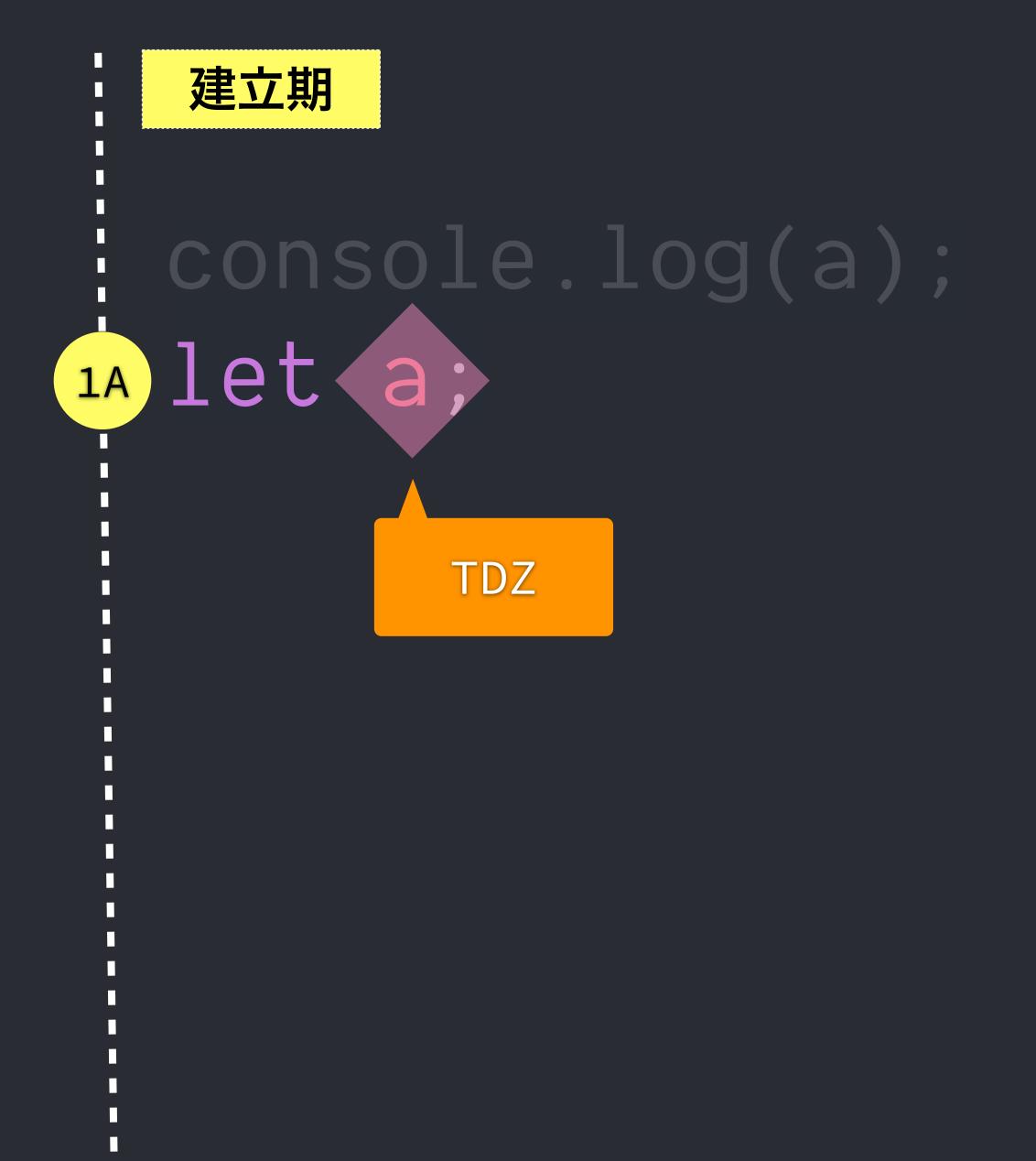
```
console.log(a); // 會印出什麼?
let a = 1;
Reference
Error
```



因為Iet不會變數提昇?



```
console.log(a);
let a = 1;
```



```
console.log(a);
let a = 1;
```

```
執行期
```

console.log(a);

Reference Error

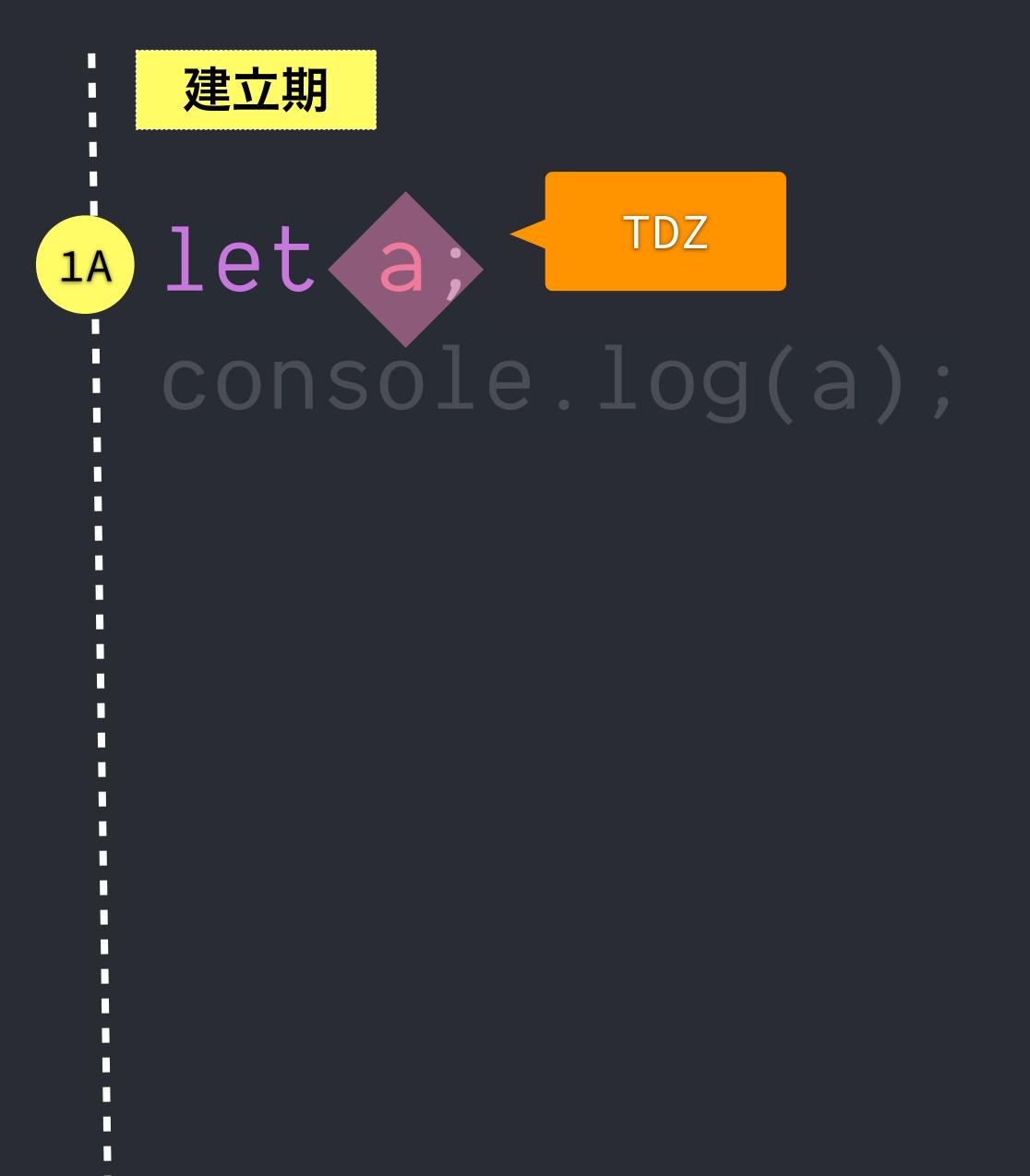
暫持见區

TDZ = Temporal Dead Zone



```
let a = 1;
console.log(a); // 會印出什麼?
```

```
let a = 1;
console.log(a);
```



```
let a = 1;
console.log(a);
```

```
執行期
```

$$(2)(a) = 1;$$

2 console.log(a);

1