





HOW DOES PRIVATE NETWORK

**SAVING THE STACK AT RUNTIME**

stop



```
function odd(n) {
```

```
    if (n == 0) return false;
```

```
    else return even(n-1);
```

```
}
```

```
function even(n) {
```

```
    if (n == 0) return true;
```

```
    else return odd(n-1);
```

```
}
```

```
even(100000)
```

Run



Run

even



even

odd

Stop



# EVENT QUEUE





## SAVING THE STACK AT RUNTIME

Run

Stop

```
function odd(n) {  
  if (n == 0) return false;  
  else return even(n-1);  
}
```

```
function even(n) {  
  if (n == 0) return true;  
  else return odd(n-1);  
}
```

```
even(1000000)
```

even



odd

even

## EVENT QUEUE

---

Run

## SAVING THE STACK AT RUNTIME

Run

Stop

```
function odd(n) {  
  if (n == 0) return false;  
  else return even(n-1);  
}
```

```
function even(n) {  
  if (n == 0) return true;  
  else return odd(n-1);  
}
```

```
even(1000000)
```

even



odd

even

## EVENT QUEUE

---

even



odd

even

Run