## Concurrency

## with threads













































































































































































































#### Baked 5 pretzels finished baking in 792 ms

```
fun main() {
   val time = measureTimeMillis {
        thread {
            val pretzels = bakePretzels()
            println("Baked ${pretzels.size} pretzels")
       }.join()
   println("finished baking in $time ms")
```

# Concurrency

### with threads

```
fun main() {
    val time = measureTimeMillis {
        thread {
            val pretzels = bakePretzels()
            println("Baked ${pretzels.size} pretzels")
        }.join()
    }
    println("finished baking in $time ms")
}

Baked 5 pretzels
finished baking in 792 ms
```

## Concurrency

### with coroutines

```
fun main() {
    val time = measureTimeMillis {
        thread {
            val pretzels = bakePretzels()
            println("Baked ${pretzels.size} pretzels")
        }.join()
    }
    println("finished baking in $time ms")
}
```