Have you ever needed someone to do something for you and then get out of your way?

Jobs: Run to completion

- Creates one or more pods and ensures they terminate
- Job is complete when all pods successfully terminate
- Will keep trying until job is complete

```
kind: Job
```

A sample Job

```yaml
apiVersion: batch/v1
kind: Job
metadata:
  name: pi
spec:
  template:
    spec:
      containers:
      - name: pi
        image: perl
        command: ["perl",  "-Mbignum=bpi", "-wle",
"print bpi(2000)"]
      restartPolicy: Never
  backoffLimit: 4
```

Parallel Job

```yaml
apiVersion: batch/v1
kind: Job
metadata:
  name: pi
spec:
  completions: 4
  parallelism: 4
  template:
    spec:
      containers:
      - name: pi
        image: perl
        command: ["perl",  "-Mbignum=bpi", "-wle",
"print bpi(2000)"]
      restartPolicy: Never
  backoffLimit: 4
```

Cron Job

```yaml
apiVersion: batch/v1beta1
kind: CronJob
metadata:
  name: hello
spec:
  schedule: "*/1 * * * *"
  jobTemplate:
    spec:
      template:
        spec:
          containers:
          - name: hello
            image: busybox
            args:
            - /bin/sh
            - -c
            - date; echo Hello from the Kubernetes cluster
          restartPolicy: OnFailure
```

Exercise time!

*Populate data in the metadata service
by calling it with a job*

P.S. You can use the image "appropriate/curl"
for making curl requests

ThoughtWorks®