Deployment Of App In IBM Cloud

Containerize The App

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Project Name	NEWS TRACKER APPLICATION
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The Docker create command will create a new container for us from the command line:

```
~ docker create --name nginx_base -p 80:80 nginx:alpine
```

```
Unable to find image 'nginx:alpine' locally
alpine: Pulling from library/nginx
df9b9388f04a: Pull complete
5867cba5fcbd: Pull complete
4b639e65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
Digest:
sha256:5a0df7fb7c8c03e4158ae9974bfbd6a15da2bdfdeded4fb694367ec812325d31
Status: Downloaded newer image for nginx:alpine
85b13f4d8a9bcdab4fbae540cf7bf3704eab13b57c5f44a2d3529d86f1c72ba5
```

INSPECT THE IMAGES

```
➜  ~ docker images -a
REPOSITORY                      TAG       IMAGE ID       CREATED
SIZE
amitsharma/nginx-reverse-proxy  v1        1037dc5f8db4   3 weeks ago
142MB
nginx-reverse-proxy             latest    1037dc5f8db4   3 weeks ago
142MB
amitsharma/web-server-app       v1        09a0abf08e08   3 weeks ago
58.3MB
```

```
web-server-app                    latest      09a0abf08e08   3 weeks ago
58.3MB
nginx                             alpine      51696c87e77e   4 weeks ago
23.4MB
```

INSPECT CONTAINERS

```
➜  ~ docker ps -a
CONTAINER ID    IMAGE          COMMAND                CREATED
STATUS      PORTS       NAMES
c365af6303e4    nginx:alpine   "/docker-entrypoint.…"  6 minutes ago
Created              nginx_base
```

START THE CONTAINER

```
➜  ~ docker start nginx_base
nginx_base
```

Now visit http://localhost with your browser. You will see the default "Welcome to nginx!" page. We are now running an nginx container.