How to write Dockerfiles - Part 2 Advanced Dockerfile Instructions

1 Make a new sub-directory

```
$ mkdir nginx-v1 && cd nginx-v1
```

2 Write index.html file

```
$ nano index.html

<!DOCTYPE html>

<html>

<head>
  <meta charset="utf-8">
  <title>This is a new nginx web-server</title>
</head>

<body>
  <h1>Welcome!</h1>
</body>

</html>
```

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3 Write updated Dockerfile for nginx

```
$ nano Dockerfile

ARG VERSION=18.04

FROM ubuntu:${VERSION}

LABEL creator="Cerulean Canvas"

RUN apt-get update && apt-get install -y curl nginx \
    && apt-get clean \
    && rm -rf /var/lib/apt/lists/*

RUN mkdir /backup-content

VOLUME /backup-content

ENV EDITOR /usr/bin/nano

WORKDIR /var/www

COPY /nginx-v1/index.html /var/www/html/

EXPOSE 80

HEALTHCHECK --interval=10s --timeout=5s CMD curl --fail http://localhost:80/ || exit 1

STOPSIGNAL SIGQUIT

ENTRYPOINT ["nginx", "-g"]

CMD ["daemon off;"]
```

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