

## Scenario1 : Running Dockerfile in SHELL FORM

\$Vi Dockerfile

```
#This is a test message  
  
FROM nginx:latest  
  
LABEL maintainer="kalyan.m@gmail.com"  
  
ENV name Kalyan  
  
ENTRYPOINT echo "Hello, $name"
```

```
$docker build -t="kaly/nginx:v1" .
```

```
~
```

```
$docker images
```

```
$docker run -it kaly/nginx:v1 /bin/bash
```

```
Output : Hello, Kalyan
```

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Scenario 2 : Running Dockerfile in EXEC form.

\$Vi Dockerfile

```
#This is a test message  
  
FROM nginx:latest  
  
LABEL maintainer="kalyan.m@gmail.com"  
  
ENV name Kalyan  
  
ENTRYPOINT ["/bin/echo", "Hello, $name"]
```

```
$docker build -t="kaly/nginx:v2" .
```

```
~
```

```
$docker images
```

```
$docker run -it kaly/nginx:v2
```

Output : Hello, \$name

This is because in EXEC form, it calls the executable directly, and shell processing does not happen.

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Scenario:3 Running Dockerfile in EXEC form with Correct syntax  
\$Vi Dockerfile

```
#This is a test message

FROM nginx:latest

LABEL maintainer="kalyan.m@gmail.com"

ENV name Kalyan

ENTRYPOINT ["/bin/bash","-c" ,"echo Hello, $name"]

# here -c option = read the commands from.
```

\$docker build -t="kaly/nginx:v3" .

~

\$docker images

\$docker run -it kaly/nginx:v3

Output : Hello, Kalyan