Section 1. „Containers Explained"

Commands shown in this Lecture require a working Docker environment installed on Development Host. Docker installation Lectures are in Section 2 **Docker Deep Dive**. VirtualBox Virtual Machine with Ubuntu 18.04 is booted, following commands are executed:

```
$ ps -ef
```

```
$ python3
```

```
>>> print("Hello world!")
```

```
>>> exit()
```

Docker Container is run with **ubuntu:18.04** Image:

```
$ docker run -it --rm ubuntu:18.04
```

```
# apt-get update
```

```
# apt-get install python3
```

```
# python3
```

```
>>> print("Hello world!")
```

```
>>> exit()
```

```
# exit
```

Docker Container is run with **python:3** Image:

```
$ docker run -it --rm python:3
```

```
>>> exit()
```

```
$ docker run -it --rm python:3 bash
```

```
# exit
```