



How to Format log messages:

By using format keyword argument, we can format messages.

1. To display only level name:

```
logging.basicConfig(format='%(levelname)s')
```

Output:

WARNING
ERROR
CRITICAL

2. To display levelname and message:

```
logging.basicConfig(format='%(levelname)s:%(message)s')
```

Output:

WARNING:warning Information
ERROR:error Information
CRITICAL:critical Information

How to add timestamp in the log messages:

```
logging.basicConfig(format='%(asctime)s:%(levelname)s:%(message)s')
```

Output:

2018-06-15 11:50:08,325:WARNING:warning Information
2018-06-15 11:50:08,372:ERROR:error Information
2018-06-15 11:50:08,372:CRITICAL:critical Information

How to change date and time format:

We have to use special keyword argument: datefmt

```
logging.basicConfig(format='%(asctime)s:%(levelname)s:%(message)s', datefmt='%d/%m/%Y %l:%M:%S %p')
```

datefmt='%d/%m/%Y %l:%M:%S %p' ==>case is important

Output:

15/06/2018 12:04:31 PM:WARNING:warning Information
15/06/2018 12:04:31 PM:ERROR:error Information
15/06/2018 12:04:31 PM:CRITICAL:critical Information