



The above line will create a file log.txt and we can store either WARNING level or higher level messages to that file.

After creating log file, we can write messages to that file by using the following methods.

```
logging.debug(message)
logging.info(message)
logging.warning(message)
logging.error(message)
logging.critical(message)
```

### Q. Write a Python program to create a log file and write WARNING and higher level messages?

```
1) import logging
2) logging.basicConfig(filename='log.txt',level=logging.WARNING)
3) print("Logging Module Demo")
4) logging.debug("This is debug message")
5) logging.info("This is info message")
6) logging.warning("This is warning message")
7) logging.error("This is error message")
8) logging.critical("This is critical message")
```

#### log.txt:

```
1) WARNING:root:This is warning message
2) ERROR:root:This is error message
3) CRITICAL:root:This is critical message
```

#### Note:

In the above program only WARNING and higher level messages will be written to log file. If we set level as DEBUG then all messages will be written to log file.

```
1) import logging
2) logging.basicConfig(filename='log.txt',level=logging.DEBUG)
3) print("Logging Module Demo")
4) logging.debug("This is debug message")
5) logging.info("This is info message")
6) logging.warning("This is warning message")
7) logging.error("This is error message")
8) logging.critical("This is critical message")
```

#### log.txt:

```
1) DEBUG:root:This is debug message
2) INFO:root:This is info message
```