



## Demo Program for Console Handler:

```
1) import logging
2) class LoggerDemoConsole:
3)
4)     def testLog(self):
5)         logger = logging.getLogger('demologger')
6)         logger.setLevel(logging.INFO)
7)
8)         consoleHandler = logging.StreamHandler()
9)         consoleHandler.setLevel(logging.INFO)
10)
11)        formatter = logging.Formatter('%(asctime)s - %(name)s -
12)            %(levelname)s: %(message)s',
13)            datefmt='%m/%d/%Y %l:%M:%S %p')
14)
15)        consoleHandler.setFormatter(formatter)
16)        logger.addHandler(consoleHandler)
17)
18)        logger.debug('debug message')
19)        logger.info('info message')
20)        logger.warn('warn message')
21)        logger.error('error message')
22)        logger.critical('critical message')
23)
24) demo = LoggerDemoConsole()
25) demo.testLog()
```

```
D:\durgaclass>py loggingdemo3.py
06/18/2018 12:14:15 PM - demologger - INFO: info message
06/18/2018 12:14:15 PM - demologger - WARNING: warn message
06/18/2018 12:14:15 PM - demologger - ERROR: error message
06/18/2018 12:14:15 PM - demologger - CRITICAL: critical message
```

### Note:

If we want to use class name as logger name then we have to create logger object as follows

```
logger = logging.getLogger(LoggerDemoConsole.__name__)
```

In this case output is:

```
D:\durgaclass>py loggingdemo3.py
06/18/2018 12:21:00 PM - LoggerDemoConsole - INFO: info message
06/18/2018 12:21:00 PM - LoggerDemoConsole - WARNING: warn message
06/18/2018 12:21:00 PM - LoggerDemoConsole - ERROR: error message
06/18/2018 12:21:00 PM - LoggerDemoConsole - CRITICAL: critical message
```