```
1 import argparse
 1 import argparse
 2 import logging
                                                                2 import logging
 3 import pathlib
                                                                3 import pathlib
   import pipeline_framework
                                                                 import pipeline_framework
 6
   import pipeline_steps
                                                                6
                                                                  import pipeline_steps
8
                                                                8
   def main(pipeline_yaml_path: pathlib.Path, run_name:
                                                                  def main(pipeline_yaml_path: pathlib.Path, run_name:
    str, smoke_test: bool):
                                                                  str, smoke_test: bool, malware:bool):
        run_base_path = pathlib.Path(f"../intermediate/r
                                                                      run_base_path = pathlib.Path(f"../intermediate/r
10
                                                              10
   un-{run name}")
                                                                  un-{run name}")
        run_base_path.mkdir(exist_ok=True)
                                                                      run_base_path.mkdir(exist_ok=True)
11
                                                               11
                                                               12
12
13
        logging\_format = (
                                                               13
                                                                      logging_format = (
            "%(asctime)s | %(relativeCreated)d | %(level
                                                                          "%(asctime)s | %(relativeCreated)d | %(level
                                                                  name)s (%(name)s): %(message)s"
   name)s (%(name)s): %(message)s"
15
       )
                                                              15
                                                                      )
16
17
        logging.basicConfig(
                                                               17
                                                                       logging.basicConfig(
            level=logging.DEBUG,
                                                                          level=logging.DEBUG,
18
                                                               18
19
           handlers=[
                                                               19
                                                                          handlers=[
                logging.FileHandler(str(run_base_path /
                                                                              logging.FileHandler(str(run_base_path /
20
                                                               20
     "execution.log"), mode="a"),
                                                                   "execution.log"), mode="a"),
                logging.StreamHandler(),
                                                              21
                                                                               logging.StreamHandler(),
21
22
           ],
                                                              22
                                                                          ],
23
            format=logging_format,
                                                                          format=logging_format,
                                                               24
24
        )
25
26
        logger = logging.getLogger("run_pipeline")
                                                              26
                                                                      logger = logging.getLogger("run_pipeline")
27
                                                              27
28
        pipeline = pipeline_framework.Pipeline(
                                                              28
                                                                      pipeline = pipeline_framework.Pipeline(
                                                              29
                                                                          pipeline_steps.pipeline_steps,
29
           pipeline steps.pipeline steps.
30
           pipeline_yaml_path,
                                                               30
                                                                          pipeline_yaml_path,
31
            logger,
                                                               31
                                                                          logger,
32
           run base path,
                                                                          run base path,
33
            smoke_test,
                                                               33
                                                                          smoke test,
                                                              34
                                                                          malware
34
                                                               35
        )
                                                                      )
35
36
        pipeline.run()
                                                               37
                                                                      pipeline.run()
                                                               38
37
38
                                                               39
   if __name__ == "__main__":
                                                              40 if __name__ == "__main__":
39
40
       parser = argparse.ArgumentParser("run_pipeline")
                                                              41
                                                                      parser = argparse.ArgumentParser("run_pipeline")
        parser.add_argument("pipeline_yaml", type=str)
                                                                      parser.add_argument("pipeline_yaml", type=str)
41
                                                               42
42
        parser.add_argument("run_name", type=str)
                                                              43
                                                                      parser.add_argument("run_name", type=str)
        parser.add_argument("--smoke-test", action="stor
                                                                      parser.add_argument("--smoke-test", action="stor
                                                              44
43
   e_true")
                                                                  e_true")
                                                                      parser.add_argument("--malware", action="store_t
                                                              45
                                                                  rue")
44
                                                               46
45
        args = parser.parse_args()
                                                               47
                                                                      args = parser.parse_args()
        main(pathlib.Path(args.pipeline_yaml), args.run_
                                                                      main(pathlib.Path(args.pipeline_yaml), args.run_
46
                                                                  name, args.smoke_test, args.malware)
    name, args.smoke_test)
47
                                                               49
```