Binance Futures Trading Bot – Internship Assignment Report:

- This report contains the execution and validation of a CLI-based Binance Futures Trading Bot written in Python.
- The bot supports Market, Limit and Stop-Limit orders, with logging and a dry_run mode for simulation.

```
✅ DRY RUN: no API call made
{'DRY_RUN': True, 'payload': {'symbol': 'BTCUSDT', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.001}}
PS C:\Users\ahamm\OneDrive\Documents\Assignment\ahammad_ali_binance_bot> python src/cli.py --symbol=BTCUSDT --side=BUY --type=MARKET --quantity=0.001 --dry_run
✅ DRY RUN: no API call made
{'DRY_RUN': True, 'payload': {'symbol': 'BTCUSDT', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.001}}
```

```
mmad_ali_binance_bot > bot.log
1   2025-08-17 20:59:21,535 | INFO | Order placed: {'DRY_RUN': True, 'payload': {'symbol': 'BTCUSDT', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.001
```

2025-08-17 20:59:21,535 | INFO | Order placed: {'DRY_RUN': True, 'payload': {'symbol': 'BTCUSDT', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.001}}

- The bot was executed using dry_run mode as no testnet API key was provided.
- All inputs were validated and logged.
- The payload structure follows the official Binance Futures API documentation.
- The project is modular, and supports easy extension to advanced order types such as OCO and TWAP.