1.

Commands: spark-submit --master local[\*] ~/spark/examples/src/main/python/pi.py 1000

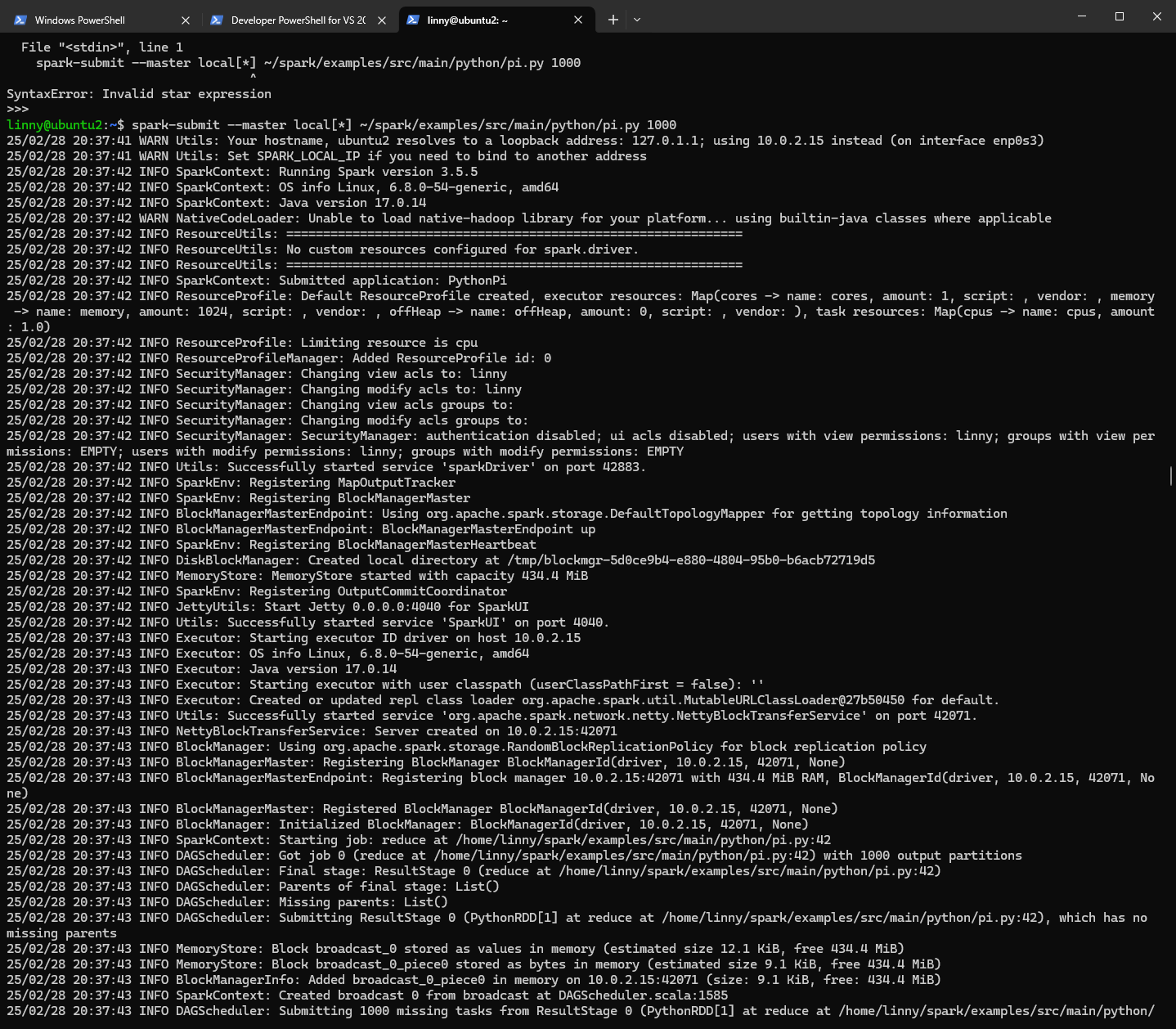
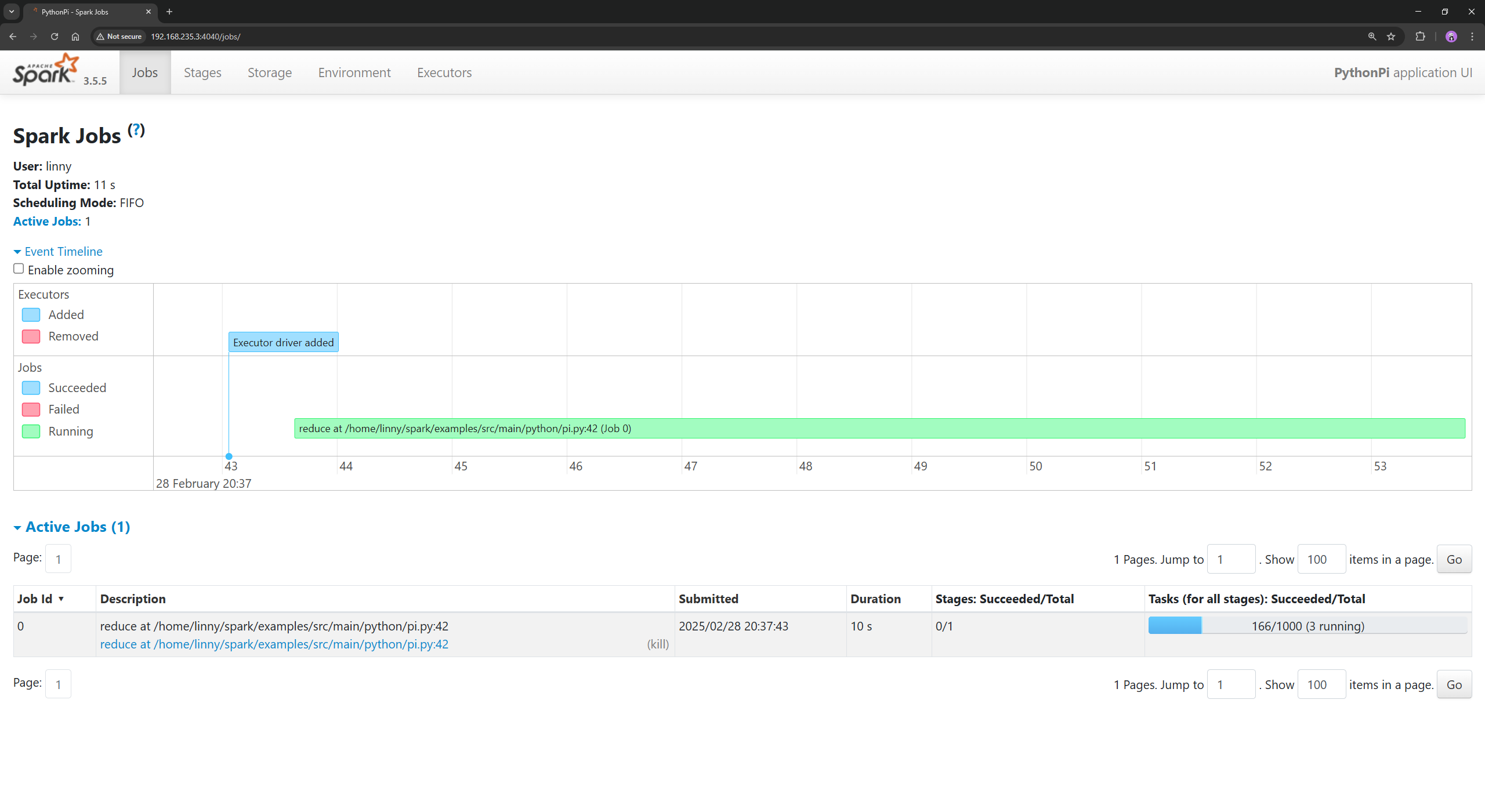
spark-submit: command to submit a Spark job

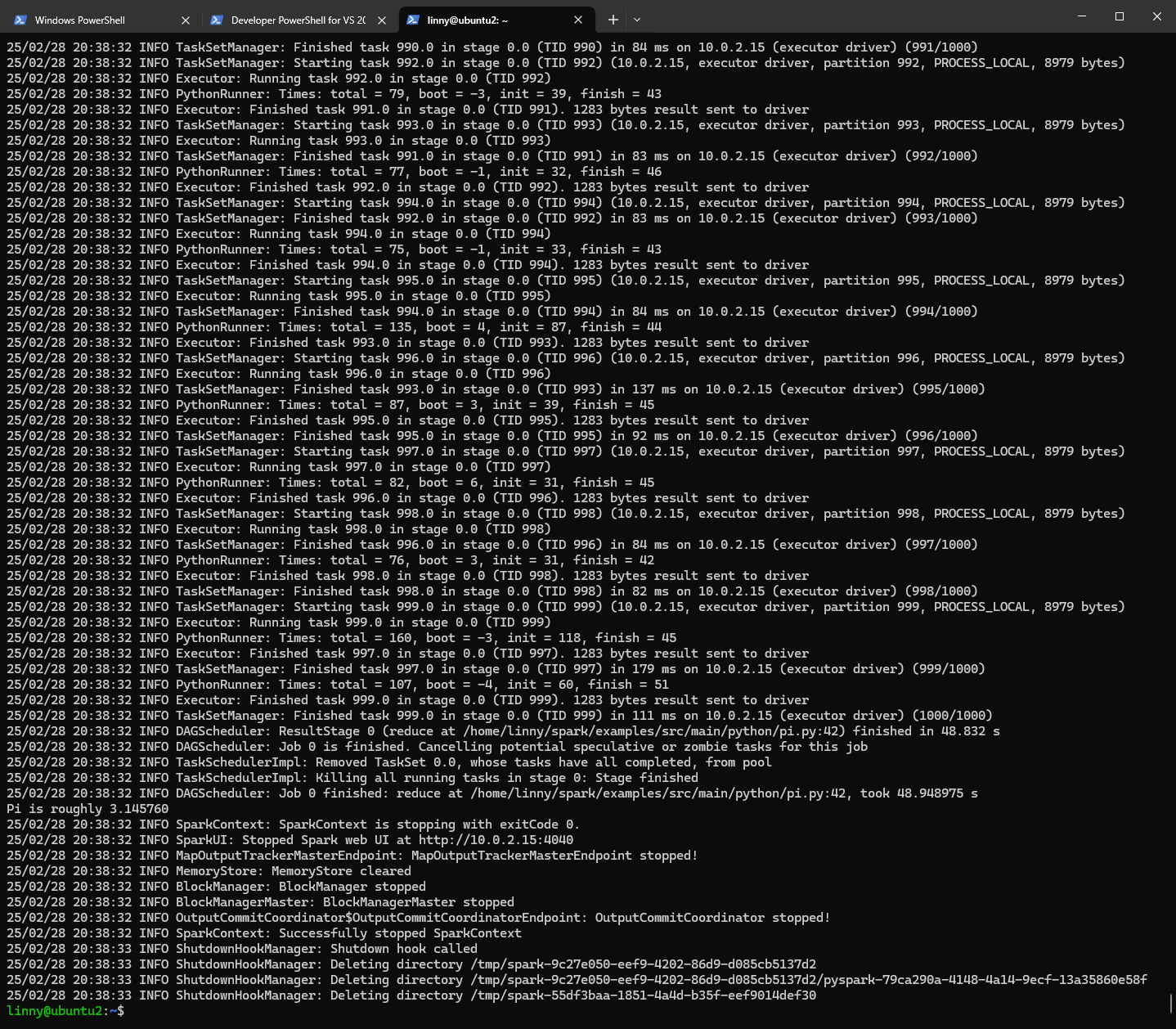
--master local[\*]: allow spark to use all cores of CPU of the local machine

~/spark/examples/src/main/python/pi.py 1000: location of the python script

Outputs: Show system setup, task execution, and potential warnings

Expected output: 





2.

Commands: python3 ./monte\_carlo\_pi.py

run the file monte\_carlo\_pi.py using python3

outputs: % progress until the job is done

expected output: 

