

Results of the “questionnaire”

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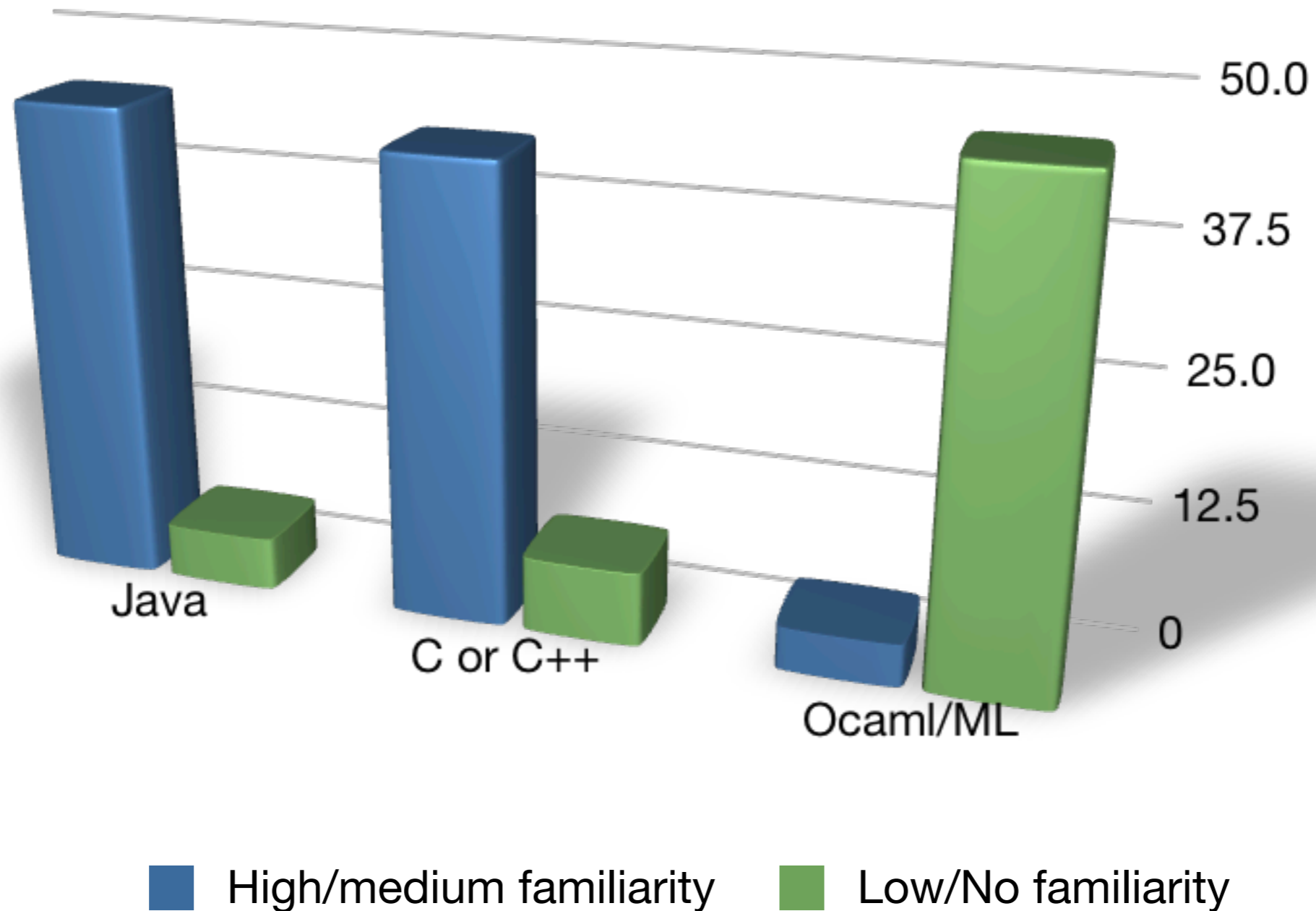
Univ. of Pisa



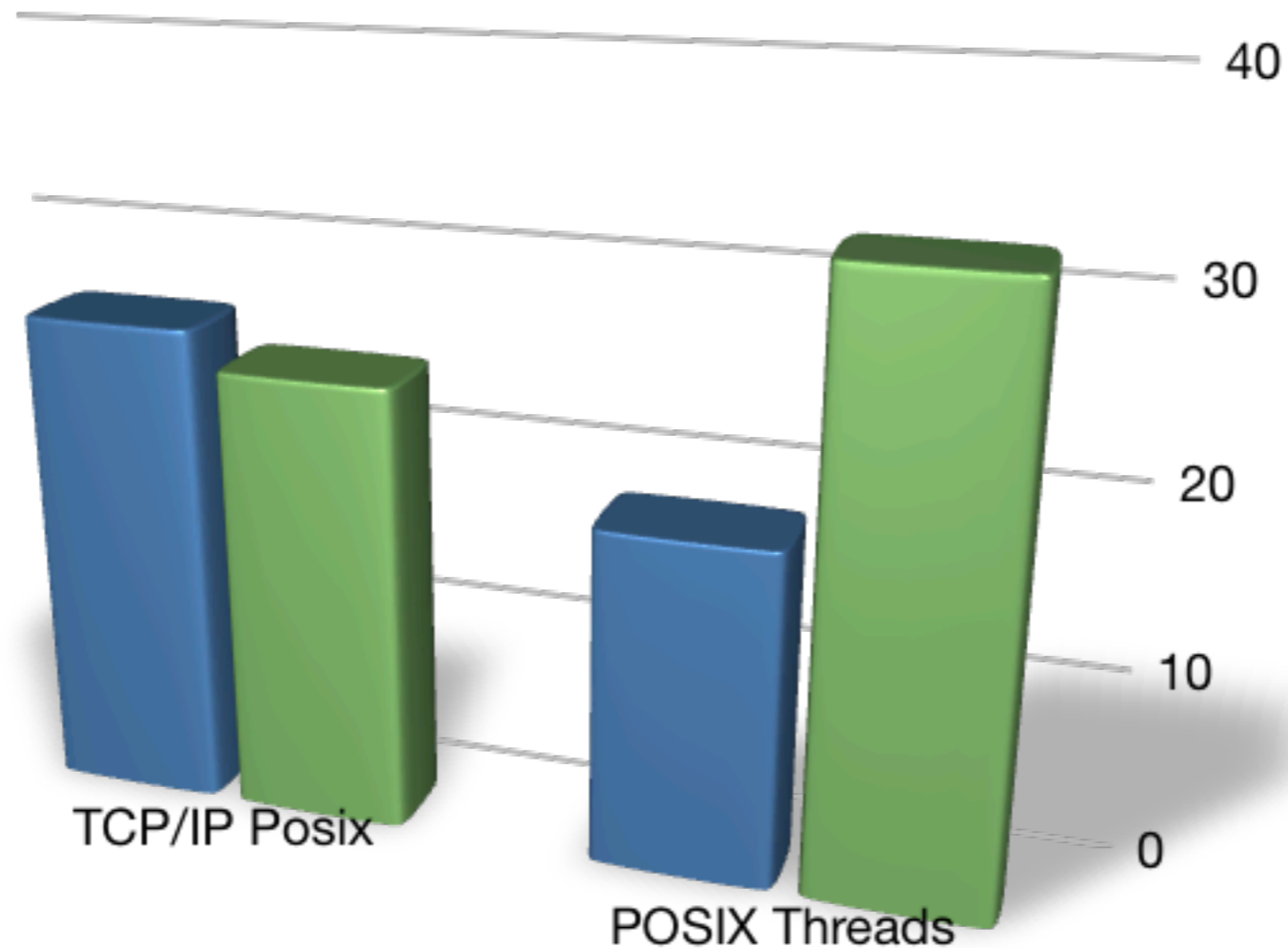
*Master Degree (Laurea Magistrale) in
Computer Science and Networking
Academic Year 2009-2010*



Familiarity with progr. languages



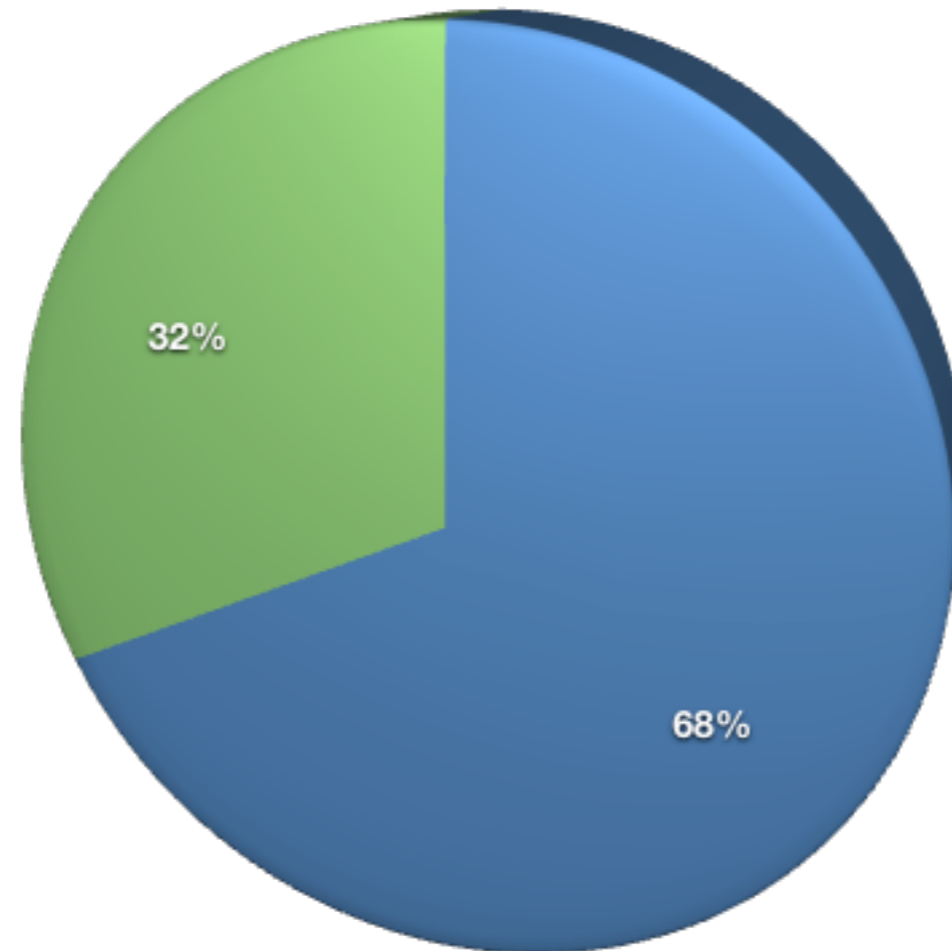
Familiarity with tools



■ High/medium familiarity

■ Low/No familiarity

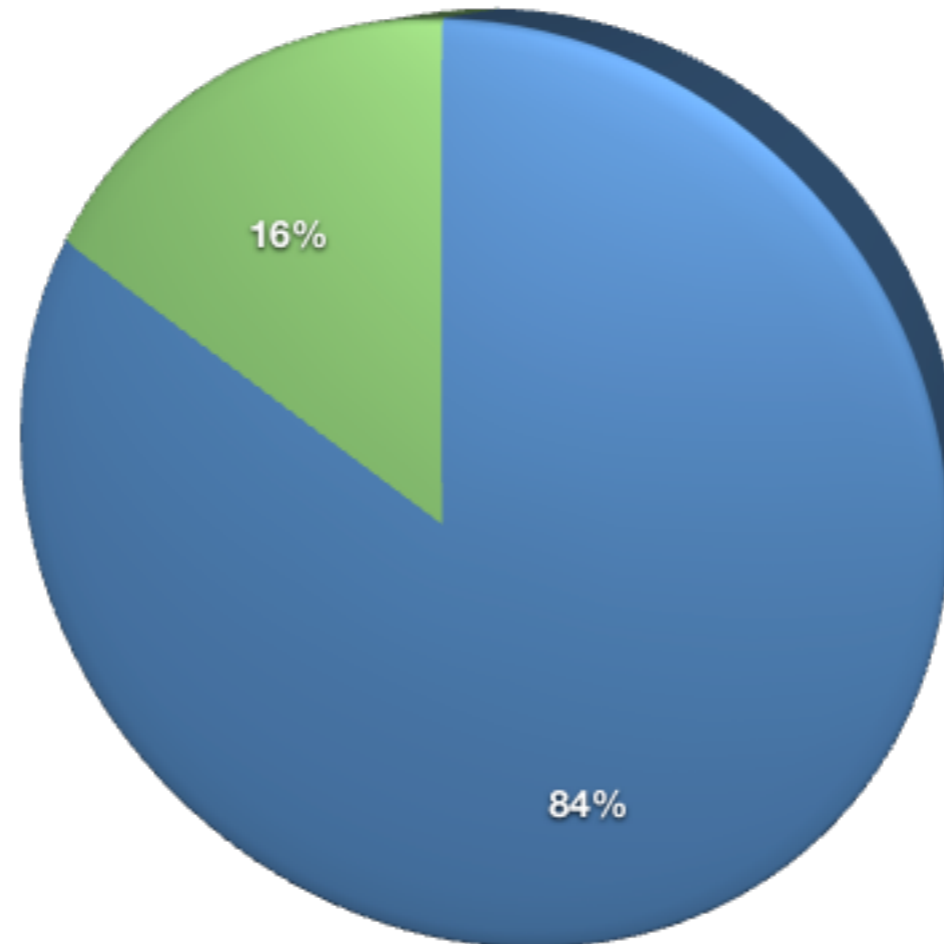
Sample code makes sense



● OK

● NOK

Large programs



- Has wrote a program with more than 1K lines of code
- Has not

Overall



- **the typical student**

- *may use at least one programming language decently*
- *has wrote one “serious” program*
- *may deal with low level mechanisms as TCP/IP sockets and POSIX Threads*
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Sample exercises

- **Simple task farm with POSIX TCP/IP**
 - *with performance evaluation on NOW/COW*
- **Simple task farm with MPI**
 - *with performance evaluation on NOW/COW*
- **Comparison between data parallel and stream parallel implementation of a problem**
 - *with one of the available skeleton tools*
- **Comparison of normal form vs. non normal form for a given application**
 - *with one of the available skeleton tools*