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| **MODULE 5 -- PRACTICAL EXERCISES** | |
| **SLIDE 5**  Let’s practice writing queries using different types of functions together!  We can see what kind of ‘power’ does each in-built have. | The idea is to give students an insight into MySQL in-built functions and demonstrate ow they work.  Please use scripts with examples and comments:  **in\_built\_convert\_functions.sql**  **in\_built\_date\_and\_time\_functions.sql**  **in\_built\_flow\_comtrol\_functions.sql**  **in\_built\_numeric\_functions.sql**  **in\_built\_string\_functions.sql**  There are many examples, so you may choose to show only a few.  The it would be good to share examples with the students (for example through Slack) and task them to walk through examples independently as part of their homework. |
| **SLIDE 9**  Let’s write a transaction statement imitating a transfer of £50 between two accounts. | Please use  **transction\_bank\_account\_example.sql**  it is good to refer to real life examples. You may uncomment the ROLLBACK statement to demonstrate how results get reverted back if something goes wrong. |
| **SLIDE 16**  Create a sample table to log messages and apply a lock to see how behaviour changes. | Please use  **table\_locking\_example.sql**  The main objective is to demonstrate to students how locks work. |