**AULA 16 – INNER JOIN com várias tabelas**

* Para fazer o relacionamento **n para n** em SQL, se usam os comandos:
  + 1) Criar a tabela Intermediária entre as outras tabelas

CREATE TABLE <n\_tbl\_interm>(

<n\_cmp1> <tipo\_cmp1> <param\_cmp1>,

<n\_cmp2> <tipo\_cmp2> <param\_cmp2>,

...,

<n\_cmpN> <tipo\_cmpN> <param\_cmpN>,

<foreign\_key\_n\_cmp1\_tbl1> <tipo\_cmp1\_tbl1> <tam\_cmp1\_tbl1>,

<foreign\_key\_n\_cmp1\_tbl2> <tipo\_cmp1\_tbl2> <tam\_cmp1\_tbl2>,

PRIMARY KEY (<primary\_key\_n\_cmp1\_tbl\_interm),

FOREIGN KEY (<foreign\_key\_n\_cmp1\_tbl1>) REFERENCES <n\_tbl1>(<primary\_key\_n\_cmp1\_tbl1>),

FOREIGN KEY (<foreign\_key\_n\_cmp1\_tbl2>) REFERENCES <n\_tbl2>(<primary\_key\_n\_cmp1\_tbl2>)

) DEFAULT CHARSET = utf8;

* + 2) Selecionar os campos a serem exibidos das duas tabelas através da tabela intermediária

SELECT <n\_tbl1>.<n\_cmp1>, ..., <n\_tblN>.<n\_cmpN> FROM <n\_tbl1>

JOIN <n\_tbl\_interm>

ON <n\_tbl1>.<primary\_key\_n\_tbl1> = <n\_tbl\_interm>.<foreign\_key\_n\_cmp1\_tbl1>

join <n\_tbl2>

ON <n\_tbl2>.<primary\_key\_n\_tbl2> = <n\_tbl\_interm>.<foreign\_key\_n\_cmp1\_tbl2>;