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| **MODULE 3 -- PRACTICAL EXERCISES** | |
| **SLIDE 8**  Find all savoury items that have either pork or beef filling. | SELECT  sav.item\_name  FROM  savoury sav  WHERE  sav.main\_ingredient = 'pork'  OR sav.main\_ingredient = 'beef'; |
| **SLIDE 8**  Find all sweet items that cost 50 cents or cheaper. | SELECT  sw.item\_name, sw.price  FROM  sweet sw  WHERE  sw.price <= 0.5; |
| **SLIDE 8**  Find all sweet items and their price, except for cannoli. | SELECT  sw.item\_name, sw.price  FROM  sweet sw  WHERE  sw.item\_name <> 'cannoli'; |
| **SLIDE 15**  Find all sweet items that start with the letter ‘c’ | SELECT  sw.item\_name, sw.price  FROM  sweet sw  WHERE  sw.item\_name like 'c%'; |
| **SLIDE 15**  Find all savoury items that cost more than £1, but less than £3  *NB: note to students that operator BETWEEN includes the range values, so if we want to exclude them, we need to provide number that are just before or after the range values.* | SELECT  sav.item\_name, sav.price  FROM  savoury sav  WHERE  sav.price between 1.01 and 2.99; |

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| **SLIDE 29**  Create a new database called SHOP | See and use **sales\_database.sql** script |
| **SLIDES 28 – 29 – 30**  Writing practice queries are part of the in-class practice and homework.  Please start in-class with the group walking them through every query and explaining how we use operators to extract and analyse data.  Everything that could not be covered in class will be part of the homework.  It is important that at the beginning of week 4 you walk through the answers to all these queries, explaining the code to students | See and use  **sales\_data\_aggregation\_practice.sql**  script |