

Exercise Sheet 5

1 Exercises

1. Using the Invoice table, find out how much people from each country spent on tracks in total.
2. Using the Invoice and Invoice Line table, find the earliest date each track was purchased on.

2 Sample Solutions

1.

```
SELECT "BillingCountry",
SUM("Total") as total_spent
FROM "Invoice"
GROUP BY "BillingCountry"
ORDER BY total_spent DESC;
```
2.

```
SELECT sub."InvoiceDate",
sub."TrackId"
FROM(SELECT iv."InvoiceDate",
ivl."TrackId",
ROW_NUMBER() OVER w as row_num
FROM "InvoiceLine" ivl
JOIN "Invoice" iv
ON ivl."InvoiceId" = iv."InvoiceId"
WINDOW w AS (PARTITION BY ivl."TrackId" ORDER BY iv."InvoiceDate" ASC))
sub
WHERE sub.row_num = 1
ORDER BY "TrackId" ASC;
```