

#Write a SELECT statement that lists the customerid along with their account number, type,
#the city the customer lives in and their postalcode.

```
SELECT c.CustomerID, c.AccountNumber, c.CustomerType, a.City, a.PostalCode
FROM adventureworks.customer c
JOIN adventureworks.customeraddress ca
ON c.CustomerID = ca.CustomerID
JOIN adventureworks.address a
ON ca.AddressID = a.AddressID;
```

#Write a SELECT statement that lists the 20 most recently launched products, their name
and colour

```
SELECT p.Name, p.Color, p.SellStartDate
FROM adventureworks.product p
ORDER BY SellStartDate DESC
LIMIT 20;
```

#Write a SELECT statement that shows how many products are on each shelf in 2/5/98,
#broken down by product category and subcategory

```
SELECT count(i.ProductID), i.Shelf, p.ProductSubCategoryID
FROM productinventory i
JOIN product p ON i.ProductID=p.ProductID
where ModifiedDate = '1998-05-02 00:00:00'
group by Shelf, p.ProductSubCategoryID, i.ModifiedDate;
```

```
# best practice
Select t1.field, t2, field
from table t1
join t2
join t3
where
group by
having
order by
limit;
```

#I am trying to track down a vendor email address...
#his name is Stuart and he works at G&K Bicycle Corp. Can you help?

```
SELECT c.FirstName, c.LastName, v.Name, c.EmailAddress
FROM contact c
JOIN vendorcontact vc using (ContactID)
JOIN vendor v using(VendorID);
```

#What's the total sales tax amount for sales to Germany?
#contactWhat's the top region in Germany by sales tax?

```
SELECT sum(TaxAmt)
FROM salesorderheader
WHERE TerritoryID='8';
```

#Summarise the distinct # transactions by month