```sql
/* Abro la BD */
use Northwind
go

/* Ejercicio 1 */
CREATE TABLE Payments(CheckId numeric(10) not null,
                      CustomerID nchar(5) not null,
                             PayDate date not null DEFAULT getdate(),
                             PayAmount money,
                             CONSTRAINT PK_Payment PRIMARY
KEY(CheckId,CustomerID),
                             CONSTRAINT CK_PaymentAmount CHECK(PayAmount
> 0))
GO
ALTER TABLE Payments ADD CONSTRAINT FK_CustomerPayment FOREIGN
KEY(CustomerID) REFERENCES Customers(CustomerID)
GO


/* Ejercicio 2 */
CREATE TABLE Offices(officeCode int not null,
                     officeCity varchar(30) not null,
                            officeAddress varchar(60) not null,
                            officePhone varchar(60),
                            officeCountry varchar(20) not null,
                            CONSTRAINT PK_Office PRIMARY
KEY(officeCode))
GO
ALTER TABLE Employees ADD officeCode int
GO
ALTER TABLE Employees ADD CONSTRAINT FK_Office FOREIGN KEY(officeCode)
REFERENCES Offices(officeCode)
GO


/* Ejercicio 3 */
/* a. Mostrar código y nombre de los Customers que realizaron el pago en
la fecha más reciente. */
SELECT c.CustomerID,c.CompanyName
FROM Customers c, Payments p
WHERE c.CustomerID=p.CustomerID and
      p.PayDate = (SELECT MAX(PayDate)
                     FROM Payments)
GO

/* b. Mostrar código, ciudad y dirección de las Offices en las que
trabajan más de 10 empleados. */
SELECT o.officeCode,o.officeCity,o.officeAddress
FROM Offices o, Employees e
WHERE o.officeCode=e.officeCode
GROUP BY o.officeCode,o.officeCity,o.officeAddress
HAVING count(distinct(e.EmployeeID)) > 10

/* c. Mostrar código, primer y segundo nombre de los empleados que
prepararon órdenes de clientes
 que nunca realizaron pagos este año, filtrar elementos repetidos. */
 SELECT DISTINCT e.EmployeeID,e.FirstName,e.LastName
 FROM Employees e, Orders o
 WHERE e.EmployeeID=o.EmployeeID and
         o.CustomerID not in (SELECT customerid
```

```
                                    FROM Payments
                                       WHERE
year(PayDate)=year(getdate()))
 ORDER BY e.LastName
```