

M10 UF2 Prova escrita

1A

The screenshot shows the Odoo Vehicle model configuration page. The browser address bar indicates the URL: `localhost:8072/web#id=689&cid=1&menu_id=4&action=18&model=ir.model&view_type=form`. The page title is "Models / Vehicle". The left sidebar contains a list of fields: `Order?`, `Transient Model?`, `Has Mail Thread?`, `Has Mail Activity?`, and `Has Mail Blacklist?`. The main content area displays a table of fields with the following columns: Field Name, Field Label, Field Type, Required, Readonly, Indexed, and Type. The table lists various fields such as `_last_update`, `active`, `client`, `create_date`, `create_uid`, `date_rental`, `date_return`, `display_name`, `id`, `name`, `plate`, `price`, and `vehicle_type`. The `vehicle_type` field is highlighted in blue.

Field Name	Field Label	Field Type	Required	Readonly	Indexed	Type
<code>_last_update</code>	Last Modified on	datetime	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>active</code>	Actiu?	boolean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>client</code>	Client	many2many	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>create_date</code>	Created on	datetime	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>create_uid</code>	Created by	many2one	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>date_rental</code>	Data de lloguer	date	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>date_return</code>	Data de fi de lloguer	date	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>display_name</code>	Display Name	char	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>id</code>	ID	integer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>name</code>	Nom del model	char	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>plate</code>	Matrícula	char	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>price</code>	Preu del lloguer	float	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field
<code>vehicle_type</code>	Tipus de vehicle	selection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Base Field

1B

The screenshot shows the Odoo Vehicle model configuration page with the "Open: Fields" dialog box open. The dialog box displays the configuration for the `vehicle_type` field. The "Field Name" is `vehicle_type`, the "Field Type" is `selection`, the "Field Label" is "Tipus de vehicle", and the "Field Help" is "EN". The "Properties" tab is selected, showing the following options: `Required?` (unchecked), `Readonly?` (unchecked), `Stored?` (checked), `Indexed?` (unchecked), `Copied?` (checked), `Enable Ordered Tracking?` (0), and `Selection Options?` (a table with 3 rows: `economic`, `midsize`, and `compact`). The "SAVE" button is highlighted in blue.

Field Name?	Field Type?
<code>vehicle_type</code>	<code>selection</code>

Field Label?	Field Help?
Tipus de vehicle	EN

Value	Name
<code>economic</code>	Econòmic
<code>midsize</code>	Mitjà
<code>compact</code>	Compacte

1C

pgAdmin 4 x Odoo - Vehicles / Administrador

localhost:8072/web#id=93&cids=1&menu_id=4&action=69&model=res.groups&view_type=form

Settings General Settings Users & Companies Translations Technical My Company (San Francisco) David Gómez (mariano)

Groups / Vehicles / Administrador Action 1 / 1 New

Application ? Vehicles

Name ? Administrador EN

Share Group ? ☐

Users Inherited Menus Views Access Rights Record Rules Notes

Name	Model	Read Access	Write Access	Create Access	Delete Access	
vehicles_vehicle_administrador	Vehicle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Add a line						

Odoo - Vehicles / ... Examen2 [views] [DAM_M10_UF2_... [DAM_M10_UF2_... [DAM_M10_UF2_... [vehicles_menu.x... Examen.odt - Lib...

1D

pgAdmin 4 x Odoo - Vehicles en lloguer

localhost:8072/web#action=540&model=vehicles.vehicle&view_type=list&cids=1&menu_id=349

Vehicles Loguers actius My Company (San Francisco) David Gómez (mariano)

Vehicles en lloguer Search...

NEW Filters Group By Favorites 1-3 / 3

Nom del model	Tipus de vehicle	Matrícula
<input type="checkbox"/> Seat Ibiza	Econòmic	B-2316-YGR
<input type="checkbox"/> Audi A-4	Mitjà	M-8236-PLK
<input type="checkbox"/> Opel Corsa	Compacte	B-1567-CDF

Odoo - Vehicles en lloguer Examen2 Baixades [DAM_M10_UF2_23_... [DAM_M10_UF2_P0... vehicles_vehicle.py (...) Examen.odt - LibreO...

1E

The screenshot shows a web browser window with the Odoo application running on localhost:8072. The browser tabs include 'pgAdmin 4' and 'Odoo - Seat Ibiza'. The address bar shows the URL: localhost:8072/web#id=1&cids=1&menu_id=349&action=540&model=vehicles.vehicle&view_type=form. The Odoo interface has a purple header bar with 'Vehicles' and 'Loguers actius' menus. The main content area is titled 'Vehicles en lloguer / Seat Ibiza' and contains a form for editing a vehicle record. The form fields are: 'Nom del model?' (Seat Ibiza), 'Tipus de vehicle?' (Econòmic), 'Actiu?' (checked), 'Matrícula?' (B-2316-YGR), 'Data de lloguer?', 'Data de fi de lloguer?', 'Client?' (a table with columns: Name, Phone, Email, Salesperson, Activities, City, Country, Company), and 'Preu del lloguer?' (80.55). The table has an 'Add a line' button and three empty rows. The bottom of the browser shows a taskbar with various application icons.

1F

```
from odoo import api, fields, models
```

```
class Vehicle(models.Model):
```

```
    _name = 'vehicles.vehicle'
```

```
    _description = 'Vehicle'
```

```
    name = fields.Char('Nom del model', required=True)
```

```
    active = fields.Boolean('Actiu?', default=True)
```

```
    vehicle_type = fields.Selection([('economic', 'Econòmic'), ('midsize', 'Mitjà'), ('compact', 'Compacte')], string='Tipus de vehicle')
```

```
    plate = fields.Char(string='Matrícula', required=True)
```

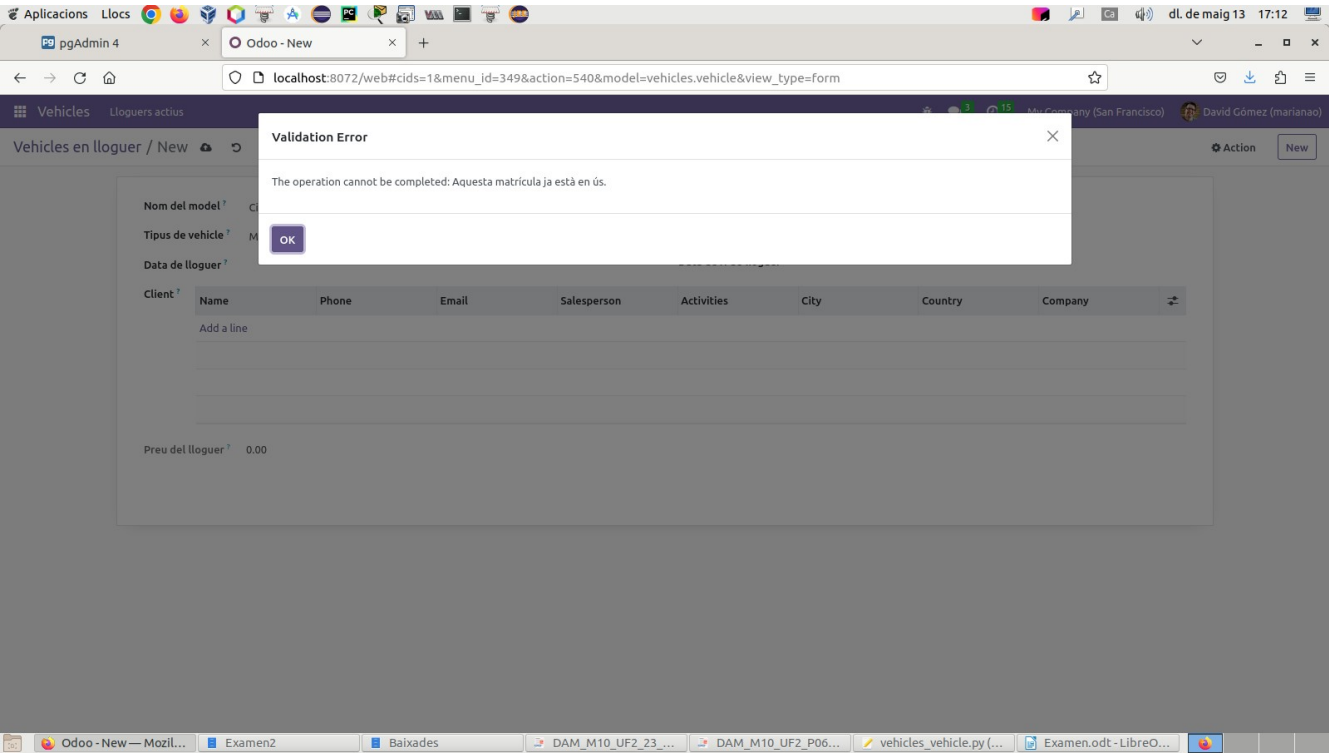
```
    date_rental = fields.Date('Data de lloguer')
```

```
    date_return = fields.Date('Data de fi de lloguer')
```

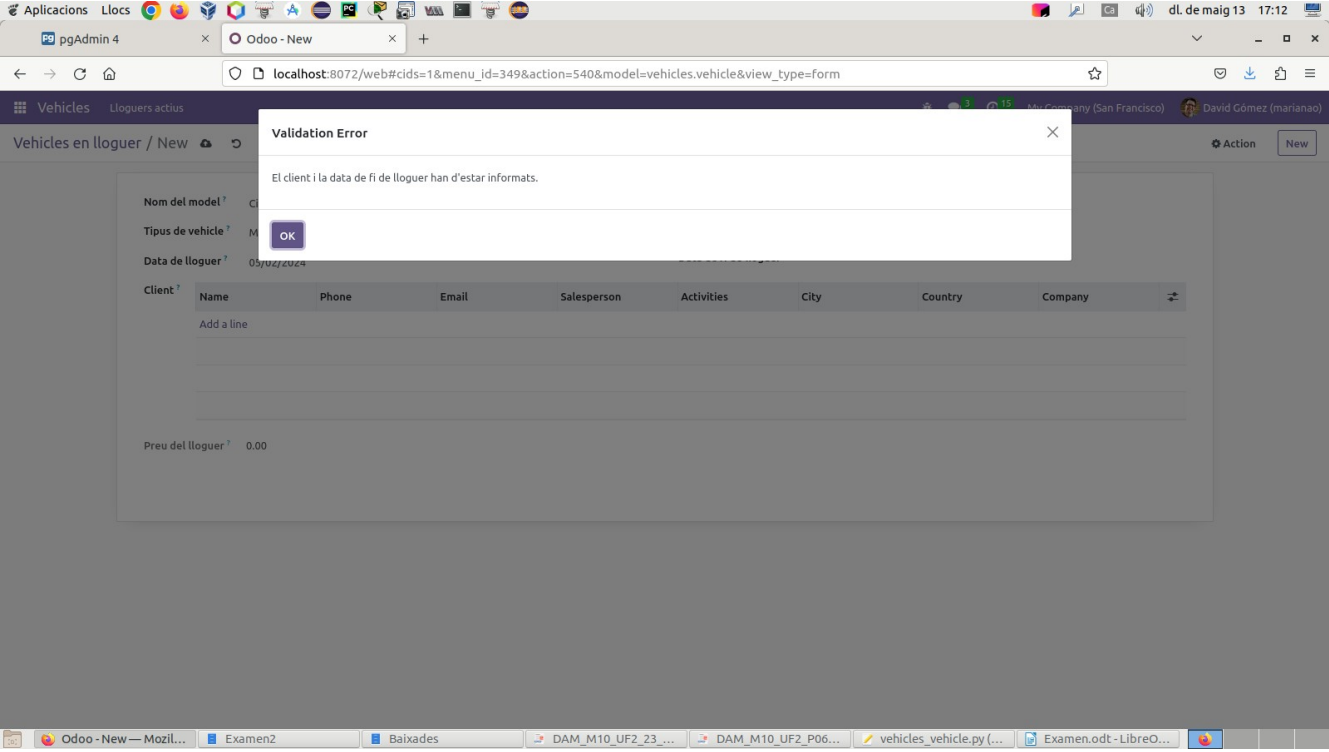
```
    client = fields.Many2many('res.partner', string='Client')
```

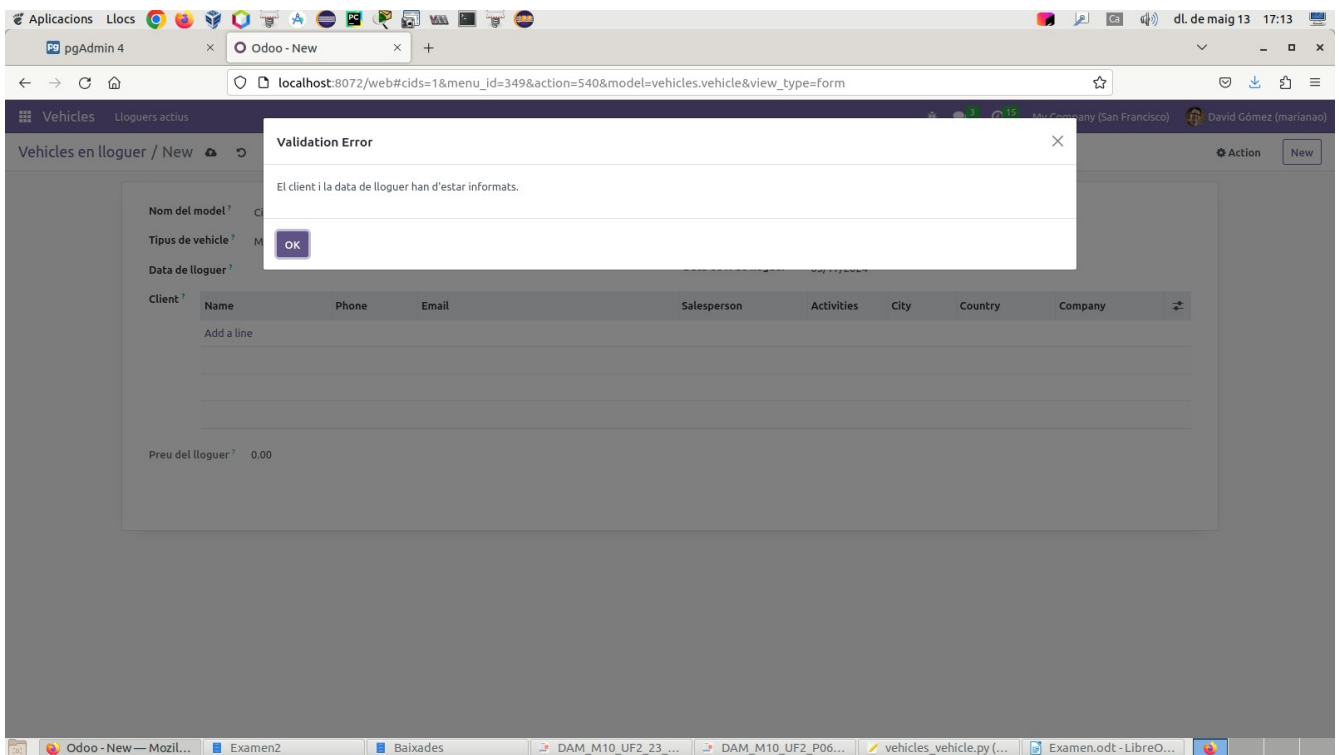
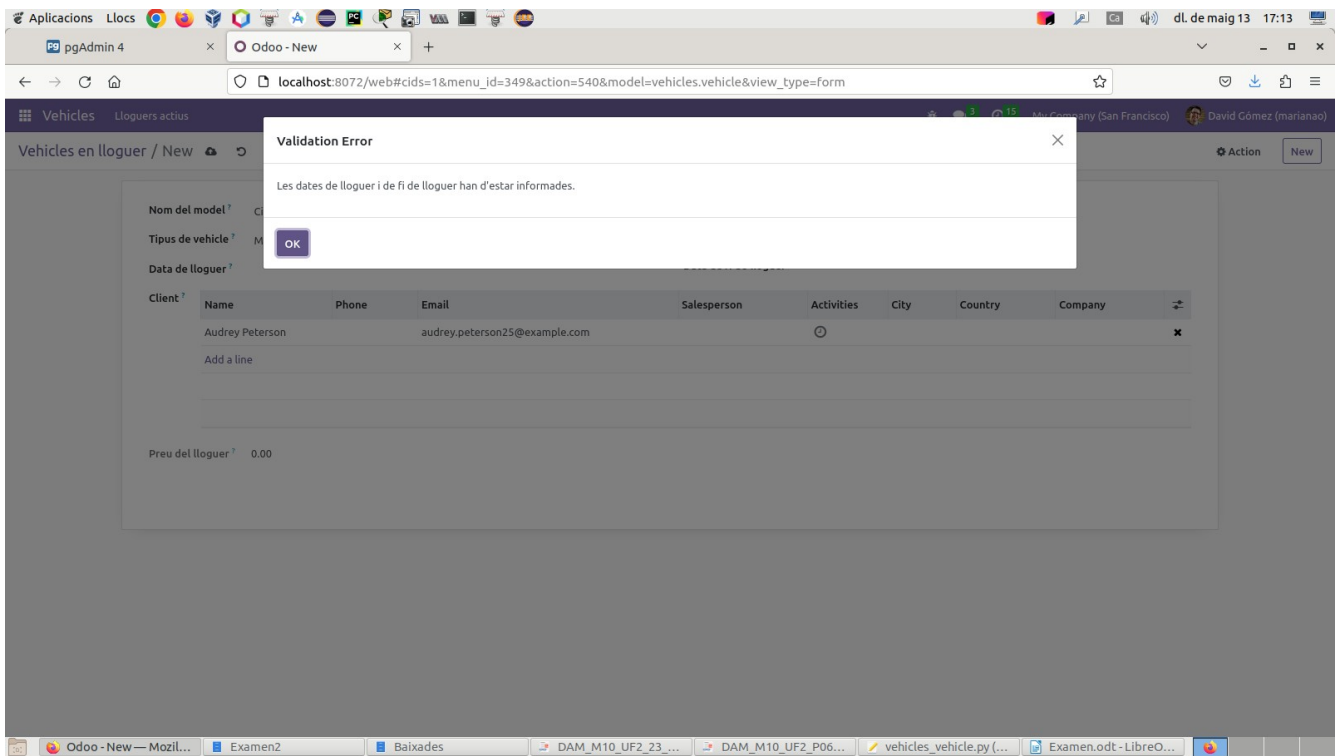
```
    price = fields.Float('Preu del lloguer')
```

2A

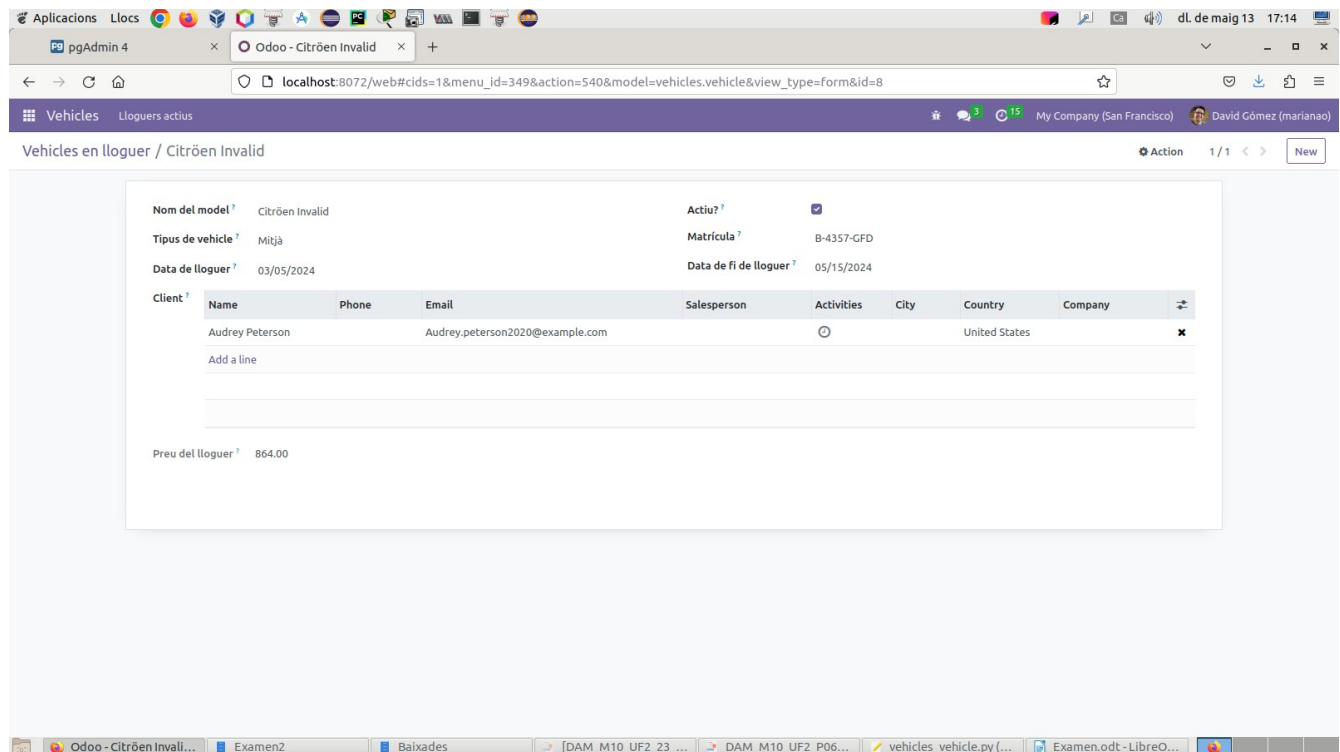


2B





2C



2D

```
from odoo import api, fields, models
from odoo.exceptions import ValidationError
from datetime import date
```

```
class Vehicle(models.Model):
```

```
    _name = 'vehicles.vehicle'
    _description = 'Vehicle'
```

```
    name = fields.Char('Nom del model', required=True)
    active = fields.Boolean('Actiu?', default=True)
```

```
    vehicle_type = fields.Selection([('economic', 'Econòmic'), ('midsize', 'Mitjà'), ('compact', 'Compacte')], string='Tipus de vehicle')
```

```
    plate = fields.Char(string='Matrícula', required=True)
```

```
    date_rental = fields.Date('Data de lloguer')
```

```
    date_return = fields.Date('Data de fi de lloguer')
```

```
    client = fields.Many2many('res.partner', string='Client')
```

```
    price = fields.Float('Preu del lloguer', compute='_preu_lloguer')
```

```
    _sql_constraints = [
        ('plate_unique', 'UNIQUE(plate)', 'Aquesta matrícula ja està en ús.'),
    ]
```

```

@api.depends('vehicle_type','date_rental','date_return','price')
def _preu_lloguer(self):
    for record in self:
        if record.vehicle_type == 'economic':
            daily_price = 10
        elif record.vehicle_type == 'midsize':
            daily_price = 12
        elif record.vehicle_type == 'compact':
            daily_price = 15
        else:
            daily_price = 0
        if record.date_rental and record.date_return:
            total_days = (record.date_return - record.date_rental).days + 1
            record.price = daily_price * total_days
        else:
            record.price = 0

@api.constrains('client','date_rental','date_return')
def _validacio_client_dates(self):
    for record in self:
        if record.client:
            if not record.date_rental or not record.date_return:
                raise ValidationError('Les dates de lloguer i de fi de lloguer han
d'estar informades.')
        if record.date_rental:
            if not record.client or not record.date_return:
                raise ValidationError('El client i la data de fi de lloguer han d'estar
informats.')
        if record.date_return:
            if not record.client or not record.date_rental:
                raise ValidationError('El client i la data de lloguer han d'estar
informats.')

```

3A:

```
select p.default_code as "Referencia interna",
       p.list_price as "Preu de venda",
       c.name as "Categoria de producte"
from product_template p join product_category c
on p.categ_id = c.id
where p.detailed_type = 'product'
and p.sale_ok = 'true'
and p.list_price < 100
and p.id not in
      (select product_tmpl_id
       from product_product
       group by product_tmpl_id
       having count(*) > 1)
order by p.default_code;
```

3B:

The screenshot shows the pgAdmin 4 web interface in a browser. The left sidebar displays the database object explorer with a tree view of the database schema. The main panel shows a SQL query editor with the following query:

```
1 select p.default_code as "Referencia interna",
2       p.list_price as "Preu de venda",
3       c.name as "Categoria de producte"
4 from product_template p join product_category c
5 on p.categ_id = c.id
6 where p.detailed_type = 'product'
7 and p.sale_ok = 'true'
8 and p.list_price < 100
9 and p.id not in
10      (select product_tmpl_id
11       from product_product
12       group by product_tmpl_id
13       having count(*) > 1)
14 order by p.default_code;
```

Below the query editor, the 'Data Output' tab is active, displaying the results of the query in a table format. The table has three columns: 'Referencia Interna', 'Preu de venda', and 'Categoria de producte'. The results show 12 rows of data, all categorized as 'Office Furniture'.

	Referencia Interna character varying	Preu de venda numeric	Categoria de producte character varying
1	E-COM08	15.80	Office Furniture
2	E-COM10	47.00	Office Furniture
3	FURN_1118	85.00	Office Furniture
4	FURN_2100	24.00	Office Furniture
5	FURN_2333	50.00	Office Furniture
6	FURN_5623	20.00	Office Furniture
7	FURN_7111	10.00	Office Furniture
8	FURN_7777	70.00	Office Furniture
Total rows: 12 of 12			

The status bar at the bottom indicates 'Query complete 00:00:00.069' and 'Ln 14, Col 13'.

4A:

```
<?xml version="1.0"?>
<odoo>
  <record id="action_vehicles_vehicle_report" model="ir.actions.report">
    <field name="name">Vehicles</field>
    <field name="model">vehicles.vehicle</field>
    <field name="report_type">qweb-html</field>
    <field name="report_name">vehicles.report_vehicles_vehicle</field>
    <field name="binding_model_id" ref="model_vehicles_vehicle"/>
    <field name="binding_type">report</field>
  </record>
  <template id="vehicles.report_vehicles_vehicle">
    <t t-call="web.html_container">
      <t t-call="web.external_layout">
        <div class="page">
          <table>
            <style>
              span{margin-right:30px}
              tr{margin-bottom:40px}
            </style>
            <tr>
              <th><span>Nom</span></th>
              <th><span>Tipus de vehicle</span></th>
              <th><span>Matrícula</span></th>
              <th><span>Data de lloguer</span></th>
              <th><span>Data de fi de lloguer</span></th>
              <th><span>Client</span></th>
            </tr>
            <t t-foreach="docs" t-as="v">
              <tr>
                <td><span t-field="v.name"/></td>
                <td><span t-field="v.vehicle_type"/></td>
                <td><span t-field="v.plate"/></td>
                <td><span t-field="v.date_rental"/></td>
                <td><span t-field="v.date_return"/></td>
                <td><span t-field="v.client"/></td>
              </tr>
            </t>
          </table>
        </div>
      </t>
    </template>
  </odoo>
```

4B:

AplicacionsLlocs

pgAdmin 4

Odoo - Vehicles

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localhost:8072/web#action=541&active_id=1&active_ids=1%2C3%2C8&cids=1&menu_id=349


☆📄🔍

VehiclesLoguers actius

My Company (San Francisco)David Gómez (mariano)

Vehicles en lloguer / Vehicles

PRINT

 Your logo

My Company (San Francisco)
250 Executive Park Blvd, Suite 3400
94134 San Francisco (California)
Spain

Nom	Tipus de vehicle	Matricula	Data de lloguer	Data de fi de lloguer	Client
Seat Ibiza	Econòmic	B-2316-YGR	03/13/2024	04/18/2024	Beth Evans
Opel Corsa	Compacte	B-1567-CDF	03/05/2024	05/15/2024	Audrey Peterson
Citröen Invalid	Mitjà	B-4357-GFD			

Odoo - Vehicles ...

Examen2

reports

DAM_M10_UF2_...

DAM_M10_UF2_...

Examen.odt - Lib...

[DAM_M10_UF2_...

report_vehicles_...