

Collège de Rosemont

Formation Continue

Groupe : 0283

## ÉVALUATION FINALE

420-A34-RO Approfondissement des bases de données

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## SUJET 1

### FORMULAIRE EMPLOYE

#### TRIGGER CONNEXION

**declare**

**connected boolean := false;**

**tries number := 3;**

**un varchar2(30);**

**pw varchar2(30);**

**cs varchar2(30);**

**begin**

**set\_application\_property(cursor\_style, 'DEFAULT');**

**while connected = false and tries >0 loop**

**logon\_screen;**

**un := get\_application\_property('USERNAME');**

**pw := get\_application\_property('PASSWORD');**

**cs := get\_application\_property('CONNECT\_STRING');**

**logon(un, pw || '@' || cs, false);**

```
        if form_success then

            connected := true;

        end if;

        tries := tries -1;

    end loop;

if not connected then

    message('Trop d'essais !');

    raise form_trigger_failure;

end if;

end;
```

#### **TRIGGER LOV**

```
BEGIN
```

```
SELECT DEPARTMENT_NAME INTO :B_EMPLOYEES.NOM_DEP
```

```
FROM HR_DEPARTMENTS
```

```
WHERE HR_DEPARTMENTS.DEPARTMENT_ID = :B_EMPLOYEES.DEPARTMENT_ID;
```

```
END;
```

#### **TRIGGER MANAGER ID / EMPLOYEE ID**

**BEGIN**

**IF (:MANAGER\_ID = :EMPLOYEE\_ID) THEN**

**MESSAGE('Les employes ne peuvent pas se controler eux-memes.');**

**RAISE FORM\_TRIGGER\_FAILURE; -- Empêche la validation du champ.**

**END IF;**

**END;**

#### **TRIGGER BOUTON EXIT ALERTE**

**DECLARE**

**varReturn NUMBER; -- Variable obligatoire pour la méthode SHOW\_ALERT**

**BEGIN**

**varReturn := SHOW\_ALERT ('ALERT\_EXIT');**

**IF (varReturn = alert\_button1)**

**THEN EXIT\_FORM;**

**END IF;**

**END;**

## **TRIGGER BOUTONS CONTROLE**

### **EXIT**

**exit\_form();**

### **DERNIER**

**GO\_BLOCK('B\_EMPLOYEES');**

**EXECUTE\_QUERY;**

**LAST\_RECORD;**

### **EXECUTE QUERY**

**GO\_BLOCK('B\_EMPLOYEES');**

**EXECUTE\_QUERY;**

### **CANCEL**

**MESSAGE('Abandon des mises à jour');**

**GO\_BLOCK('B\_EMPLOYEES');**

**CLEAR\_BLOCK(NO\_VALIDATE);**

**GO\_BLOCK('B\_EMPLOYEES');**

**EXECUTE\_QUERY;**

### **PRECEDENT**

**GO\_BLOCK('B\_EMPLOYEES');**

**PREVIOUS\_RECORD;**

**SAVE**

**MESSAGE('Sauvegarde des mises à jour');**

**GO\_BLOCK('B\_EMPLOYEES');**

**COMMIT;**

**GO\_BLOCK('B\_EMPLOYEES');**

**EXECUTE\_QUERY;**

**SUIVANT**

**GO\_BLOCK('B\_EMPLOYEES');**

**NEXT\_RECORD;**

**PREMIER**

**GO\_BLOCK('B\_EMPLOYEES');**

**EXECUTE\_QUERY;**

**FIRST\_RECORD;**

Logon

Username: MAGALIXP

Password: \*\*\*\*\*

Database: xe

Connect Cancel

ORACLE



## ACCUEIL ROSEMONT

### Gestion des Employes

ID Employe

198

Nom

OConnell

Prenom

Donald

Telephone

650.507.9833

ID Emploi

SH CLERK

Commission

ID Departement

50

Nom Departement

Shipping

Email

DOCONNEL

Date Embauche

21-JUN-1999

Salaire

2600

ID Superieur

124

EXIT

Prenom	Donald
Telephone	650.507.9833
ID Emploi	SH CLERK
Commission	
ID Departement	50
Nom Departement	Shipping
Email	DOCONNEL
Date Embauche	21-JUN-1999
Salaire	2600
ID Superieur	124

Liste Departements

Find %

Departm...
50
50

Find

OK

Cancel

PREMIER

PRECEDENT

SUIVANT

DERNIER

SAVE

CANCEL

EXECUTE

EXIT

ALERTE EXIT



Voulez-vous quitter ?

QUI

NON

EXIT

PREMIER

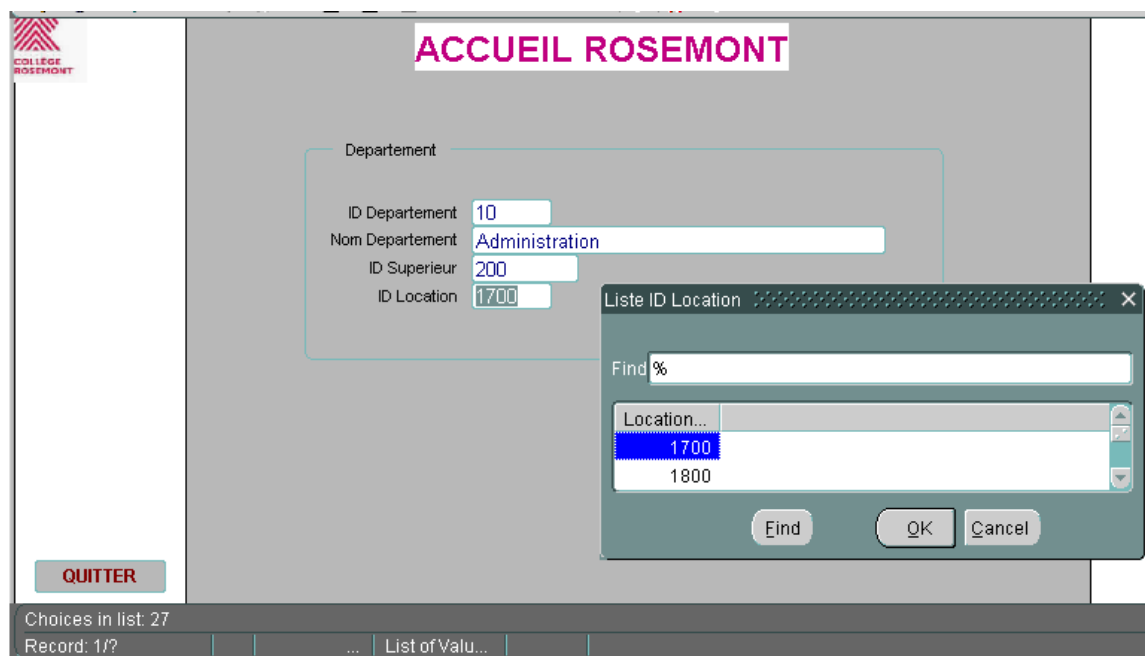
PR

SAVE

C



## FORMULAIRE DEPARTEMENT



**ACCUEIL ROSEMONT**

Departement

ID Departement: 10

Nom Departement: Administration

ID Supérieur: 200

ID Location: 1700

**QUITTER**

Choices in list: 27  
Record: 1/?

... List of Valu...

**Liste ID Location**

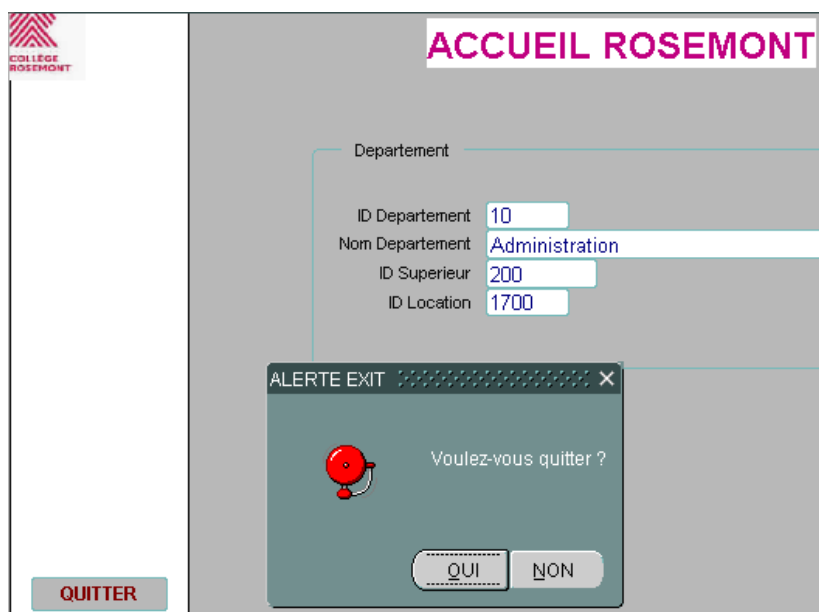
Find %

Location...

1700

1800

Find OK Cancel



**ACCUEIL ROSEMONT**

Departement

ID Departement: 10

Nom Departement: Administration

ID Supérieur: 200

ID Location: 1700

**QUITTER**

**ALERTE EXIT**

Voulez-vous quitter ?

QUI NON

## FORMULAIRE PAYS



## SUJET 2

### FORMULAIRE COUNTRIES\_REGIONS

The screenshot shows a web application window titled "ACCUEIL ROSEMONT". The interface includes a top toolbar with various icons for file operations and navigation. On the left, there is a sidebar with the "COLLEGE ROSEMONT" logo and a "QUITTER" button. The main content area is divided into two sections: "Region" and "Pays".

**Region Section:**


- Region: (Label)
- ID Region:
- Nom Region:

**Pays Section:**

ID Pays	Nom Pays
BE	Belgium
CH	Switzerland
DE	Germany
DK	Denmark
FR	France
IT	Italy
NL	Netherlands
UK	United Kingdom

### FORMULAIRE DEPARTEMENTS\_EMPLOYES

GESTION DES EMPLOYES

COLLEGE ROSEMONT

ACCUEIL ROSEMONT

Departement

ID Departement

30

Nom Departement

Purchasing

ID Superieur

114

ID Location

1700

Employes

ID Employe	Prenom	Nom	Email	
114	Den	Raphaely	DRAPHEAL	519
115	Alexander	Khoo	AKHOO	519
116	Shelli	Baida	SBAIDA	519
117	Sigal	Tobias	STOBIAS	519
118	Guy	Himuro	GHIMURO	519

QUITTER