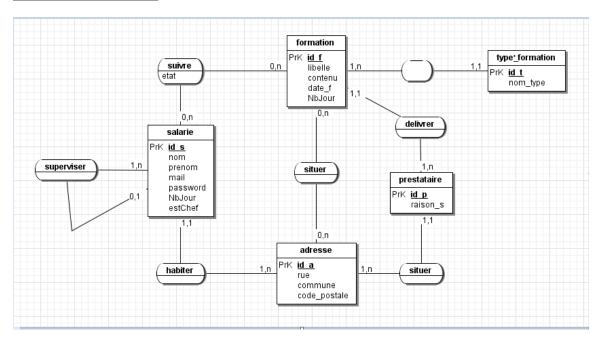
DOCUMENTATION TECHNIQUE

1°) Schéma relationnel:



il faut supprimer l'id_a de la table formation (foreign_key)

2°) Recuperer le nombre de salarie:

Models:

```
function getNombre()
{
    global $bdd;
    $rep = $bdd->prepare('SELECT count(*) as nb FROM salarie ');
    $rep->execute();
    while ($data = $rep->fetch()){
        return $data['nb'];
    }
}
```

controllers:

```
include 'Core/statsAdmin.class.php';
require "Models/admin.php";
$nbUser = getNombre();
Core: (Helpers)
<?php
class statsAdmin
{
    public static function stats ($color, $nb, $title, $icon,$type)
    {
         $stats = '<div class="col-lg-3 col-md-4 col-sm-4">
                          <div class="small-box bg-'.$color.">
                             <div class="inner">
                               <h3>'.$nb.'</h3>
                               '.$title.'
                             </div>
                             <div class="icon">
                               <i class="ion ion-'.$icon.'"></i>
                             </div>
                             <a href="#" class="small-box-footer" data-toggle="modal" data-
target="#'.$type.'">Voir tous <i class="fa fa-arrow-circle-right"></i>
                          </div>
                     </div>';
         return $stats;
    }
```

```
<?= statsAdmin::stats("orange","$nbUser","Salaries","person-stalker","user") ?>
```

2°) Afficher le nbTotal de Formations

```
Models:
```

```
function get_nbForm()
    {
         global $bdd;
               $reponse = $bdd->query('SELECT count(*) as nbForm FROM formation');
               while ($data = $reponse->fetch()){
                        return $data['nbForm'];
               }
    }
Controllers:
require "Models/admin.php";
require 'Core/statsAdmin.class.php';
$nbForm = get_nbForm();
Core:
 public static function stats ($color, $nb, $title, $icon,$type)
    {
         $stats = '<div class="col-lg-3 col-md-4 col-sm-4">
                          <div class="small-box bg-'.$color."">
                             <div class="inner">
                               <h3>'.$nb.'</h3>
```

'.\$title.'

```
</div>
                             <div class="icon">
                               <i class="ion ion-'.$icon.""></i>
                             </div>
                             <a href="#" class="small-box-footer" data-toggle="modal" data-
target="#'.$type."">Voir tous <i class="fa fa-arrow-circle-right"></i>
                          </div>
                     </div>';
         return $stats;
    }
Views:
              <?= statsAdmin::stats("blue","$nbForm","Formations","university","form") ?>
3°) Pour chaque salarie, afficher le nombre Total de formation suivi (nom, prenom, mail)
Models:
function getNbFormationSalarie()
{
        global $bdd;
        $req = $bdd->prepare("select count(*) as nb, nom, prenom, mail from suivre sui, salarie s where
sui.etat = 'Validé' and sui.id_s = s.id_s group by nom, prenom, mail ");
        $req->execute();
        while($data = $req ->fetch())
       {
               return $data['nb'];
        }
```

```
}
Controllers: page Suivre
<?php
require 'Models/accueil.php';
require "Core/statsAdmin.class.php";
     $req = getNbFormationSalarie();
require 'Views/suivre.php';
Core:
 public static function stats ($color, $nb, $title, $icon,$type)
    {
         $stats = '<div class="col-lg-3 col-md-4 col-sm-4">
                          <div class="small-box bg-'.$color."">
                             <div class="inner">
                               <h3>'.$nb.'</h3>
                               '.$title.'
                             </div>
                             <div class="icon">
                               <i class="ion ion-'.$icon.""></i>
                             </div>
                             <a href="#" class="small-box-footer" data-toggle="modal" data-
target="#'.$type.'">Voir tous <i class="fa fa-arrow-circle-right"></i>
                           </div>
                      </div>';
```

```
return $stats;
    }
Views: page suivre.php
<?php $title = 'Formations d'un salarie'?>
<section class="content">
         <div class="row">
                      <?= statsAdmin::stats("orange","$req","Salaries","person-stalker","user") ?>
               </div>
</section>
Script de la base de données:
-- phpMyAdmin SQL Dump
-- version 4.7.4
-- https://www.phpmyadmin.net/
-- Hôte: 127.0.0.1:3306
-- Généré le : lun. 04 juin 2018 à 11:30
-- Version du serveur : 5.7.19
-- Version de PHP: 7.0.23
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";
```

```
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
-- Base de données : `m2l`
-- Structure de la table `adresse`
DROP TABLE IF EXISTS 'adresse';
CREATE TABLE IF NOT EXISTS 'adresse' (
  'id_a' int(11) NOT NULL AUTO_INCREMENT,
  `rue` varchar(25) DEFAULT NULL,
  `commune` varchar(25) DEFAULT NULL,
  `code_postale` varchar(25) DEFAULT NULL,
  `numero` int(3) NOT NULL,
  PRIMARY KEY ('id_a')
) ENGINE=InnoDB AUTO_INCREMENT=40 DEFAULT CHARSET=utf8;
```

```
-- Déchargement des données de la table `adresse`
INSERT INTO 'adresse' ('id_a', 'rue', 'commune', 'code_postale', 'numero') VALUES
(1, 'test', 'test', '75000', 1),
(2, 'test', 'TESTTTT', '75342', 18),
(3, 'test', 'Test', '75000', 11),
(4, 'test', 'Test', '75000', 11),
(5, 'test', 'Test', '75000', 11),
(6, 'test', 'Test', '75000', 11),
(7, 'test', 'Test', '75000', 11),
(8, 'test', 'Test', '75000', 11),
(9, 'test', 'Test', '75000', 11),
(10, 'test', 'TesT', '75000', 11),
(11, 'test', 'Test', '75000', 11),
(12, 'test', 'Test', '75000', 11),
(13, 'test', 'Test', '75000', 11),
(14, 'test', 'Test', '75000', 11),
(15, 'test', 'Test', '75000', 11),
(16, 'test', 'Test', '75000', 11),
```

(17, 'test', 'Test', '75000', 11),

(18, 'test', 'Test', '75000', 11),

(19, 'test', 'Test', '75000', 11),

```
(20, 'test', 'Test', '75000', 11),
(21, 'test', 'Test', '75000', 11),
(22, 'test', 'Test', '75000', 11),
(23, 'RUE5', 'PRESTATAUIRE5', '75000', 11),
(24, 'RUE2', 'PRESTATAUIRE3', '75000', 11),
(25, 'RUE4', 'PRESTATAUIRE4', '56789', 43),
(26, 'RUE3', 'PRESTATAUIRE3', '45678', 543),
(27, 'RUE1', 'PARIS', '75004', 20),
(28, 'RUEE', 'PARIS', '75006', 22),
(29, 'rue', 'ville', '75000', 5),
(30, 'rue', 'paris', '75000', 10),
(31, 'rue', 'ville', '90', 2),
(32, 'rue', 'ville', '75000', 2),
(33, ", ", ", 2),
(34, 'FormaTest', 'FormaTest', '75000', 23),
(35, 'FormaTest2', 'FormaTest2', '75000', 23),
(36, 'RUE', 'VILLE', '75000', 1),
(37, 'TEST', 'TEST', '75000', 3),
(38, 'TEST', 'TEST11', '75000', 3),
```

__

(39, 'TETST', 'TESTTT', '75000', 3);

⁻⁻ Structure de la table `commentaire`

```
DROP TABLE IF EXISTS `commentaire`;
CREATE TABLE IF NOT EXISTS 'commentaire' (
  'id_com' smallint(6) NOT NULL,
  'id_f' smallint(6) NOT NULL,
  `auteur` varchar(255) NOT NULL,
  'com' text NOT NULL,
  `date_com` datetime DEFAULT NULL,
  PRIMARY KEY ('id_com'),
  KEY `foreign_key_formation` (`id_f`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `commentaire`
INSERT INTO `commentaire` (`id_com`, `id_f`, `auteur`, `com`, `date_com`) VALUES
(1, 1, 'aby', 'voili voilou', '2018-04-11 00:00:00');
```

-- Structure de la table `formation`

```
DROP TABLE IF EXISTS 'formation';
CREATE TABLE IF NOT EXISTS 'formation' (
  'id_f' int(11) NOT NULL AUTO_INCREMENT,
  'libelle' varchar(25) DEFAULT NULL,
  `contenu` varchar(255) DEFAULT NULL,
  'date d' date NOT NULL,
  `date_f` date NOT NULL,
  `NbJour` int(2) DEFAULT NULL,
  `credits` int(4) DEFAULT NULL,
  `id_p` int(11) DEFAULT NULL,
  'id_a' int(11) NOT NULL,
  PRIMARY KEY ('id_f'),
  KEY `FK_formation_id_p` (`id_p`),
  KEY `FK_formation_id_a` (`id_a`)
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `formation`
INSERT INTO `formation` (`id_f`, `libelle`, `contenu`, `date_d`, `date_f`, `NbJour`, `credits`, `id_p`, `id_a`)
VALUES
(1, 'test1', 'blablabla', '2018-03-16', '2018-03-18', 2, 10, 1, 1),
(2, 'test2', 'blablabla', '2018-04-06', '2018-04-08', 2, 10, 2, 2),
(3, 'test3', 'blablabla', '2018-04-24', '2018-04-26', 2, 10, 3, 3),
```

```
(4, 'test4', 'blablabla', '2018-04-27', '2018-05-02', 2, 10, 4, 4),
(5, 'test5', 'blablabla', '2018-05-25', '2018-05-31', 2, 10, 5, 5),
(6, 'html', 'css', '2018-04-06', '2018-04-10', 14, 70, 2, 27),
(7, 'php', 'php', '2018-03-16', '2018-03-21', 5, 25, 2, 28),
(8, 'js', 'js', '2018-03-11', '2018-03-13', 2, 10, 3, 29),
(9, 'angularJS', 'angularJS', '2018-04-14', '2018-04-16', 2, 10, 2, 30),
(10, 'testsport', 'test', '2018-03-07', '2018-03-10', 3, 15, 3, 32),
(11, 'FormaTest', 'FormaTest', '2018-03-23', '2018-12-31', 3, 50, 1, 34),
(12, 'FormaTest2', 'FormaTest2', '2018-03-23', '2018-12-31', 3, 50, 1, 35);
-- Structure de la table `messages`
DROP TABLE IF EXISTS 'messages';
CREATE TABLE IF NOT EXISTS 'messages' (
  `id_m` smallint(5) UNSIGNED NOT NULL AUTO_INCREMENT,
  'titre' varchar(50) DEFAULT NULL,
  `contenu` text,
  'id_exp' smallint(5) UNSIGNED NOT NULL,
  'id_dest' smallint(5) UNSIGNED NOT NULL,
  PRIMARY KEY ('id_m'),
  KEY `id_exp` (`id_exp`),
```

```
KEY `id_dest` (`id_dest`)
) ENGINE=MyISAM AUTO_INCREMENT=39 DEFAULT CHARSET=latin1;
-- Déchargement des données de la table `messages`
INSERT INTO 'messages' ('id_m', 'titre', 'contenu', 'id_exp', 'id_dest') VALUES
(25, 'user', 'usert\r\n', 2, 3),
(26, 'azert', 'azerty\r\n', 2, 3),
(27, 'azert', 'azerty\r\n', 2, 3),
(28, 'usertrtkzjrizeuhr', 'eszlkrihgzkliehgrilzer\r\n', 2, 3),
(29, 'azert-yèu_i', 'stephane\r\n', 2, 3),
(30, 'allo', 'ooo\r\n', 2, 2),
(31, 'java', 'alors?\r\n', 2, 6),
(32, 'java', 'alors?\r\n', 2, 6),
(33, 'java', 'alors?\r\n', 2, 6),
(34, 'java', 'alors?\r\n', 2, 6),
(35, 'java', 'alors?\r\n', 2, 6),
(36, 'java', 'alors?\r\n', 2, 6),
(37, 'java', 'alors?\r\n', 2, 6),
(38, 'java', 'alors?\r\n', 2, 6);
```

```
-- Structure de la table `prestataire`
DROP TABLE IF EXISTS 'prestataire';
CREATE TABLE IF NOT EXISTS 'prestataire' (
  'id_p' int(11) NOT NULL AUTO_INCREMENT,
  `raison_s` varchar(25) DEFAULT NULL,
  'id_a' int(11) DEFAULT NULL,
  PRIMARY KEY ('id_p'),
  KEY `FK_prestataire_id_a` (`id_a`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `prestataire`
INSERT INTO 'prestataire' ('id_p', 'raison_s', 'id_a') VALUES
(1, 'Presta1', 23),
(2, 'Presta2', 24),
(3, 'presta3', 25),
(4, 'presta4', 26),
(5, 'presta5', 26);
```

```
-- Structure de la table 'salarie'
DROP TABLE IF EXISTS 'salarie';
CREATE TABLE IF NOT EXISTS 'salarie' (
  'id_s' int(11) NOT NULL AUTO_INCREMENT,
  `nom` varchar(25) DEFAULT NULL,
  'prenom' varchar(25) DEFAULT NULL,
  'mail' varchar(25) DEFAULT NULL,
  'password' varchar(255) DEFAULT NULL,
  `NbJour` int(11) DEFAULT NULL,
  `credits` int(4) DEFAULT NULL,
  `level` int(1) NOT NULL,
  'id_a' int(11) DEFAULT NULL,
  'id_s_1' int(11) DEFAULT NULL,
  `erreur` int(11) DEFAULT NULL,
  `date_fin_password` date DEFAULT NULL,
  `date_inscription` date DEFAULT NULL,
  `derniere_co` date DEFAULT NULL,
  PRIMARY KEY ('id_s'),
  KEY `FK_salarie_id_a` (`id_a`),
  KEY `FK_salarie_id_s_1` (`id_s_1`)
) ENGINE=InnoDB AUTO_INCREMENT=28 DEFAULT CHARSET=utf8;
```

- -- Déchargement des données de la table `salarie`
- --
- INSERT INTO `salarie` (`id_s`, `nom`, `prenom`, `mail`, `password`, `NbJour`, `credits`, `level`, `id_a`, `id_s_1`, `erreur`, `date_fin_password`, `date_inscription`, `derniere_co`) VALUES
- (1, 'admin', 'admin', 'admin@admin.fr', 'd033e22ae348aeb5660fc2140aec35850c4da997', 1, 999, 1, NULL, NULL, NULL, NULL, '2018-01-01', '2018-04-09'),
- (2, 'chef', 'chef', 'chef@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, 300, 2, NULL, NULL,
- (3, 'user', 'user@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 3, 5, 3, 3, 2, 3, NULL, '2017-12-24', '2018-04-12'),
- (4, 'admin', 'admin', 'admin2@admin.fr', 'd033e22ae348aeb5660fc2140aec35850c4da997', 1, NULL, 1, NULL, NULL,
- (5, 'admin', 'admin', 'admin3@admin.fr', 'd033e22ae348aeb5660fc2140aec35850c4da997', 1, NULL, 1, NULL, NULL,
- (6, 'chef', 'chef', 'chef2@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, NULL, 2, NULL, NUL
- (7, 'salarie7', 'user', 'user2@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, 3, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL),
- (8, 'user', 'user', 'user3@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,
- (9, 'user', 'user4@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, 3, NULL, NULL,
- (10, 'user', 'user', 'user5@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,
- (11, 'user', 'user', 'user6@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,
- (12, 'user', 'user', 'user7@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,

- (13, 'user', 'user', 'user8@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,
- (14, 'user', 'user', 'user9@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL,
- (15, 'user', 'user', 'user10@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL
- (16, 'admin', 'admin', 'admin4@admin.fr', 'd033e22ae348aeb5660fc2140aec35850c4da997', 1, NULL, 1, NULL, NULL
- (17, 'chef', 'chef', 'chef3@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, NULL, 2, NULL, NU
- (18, 'chef', 'chef', 'chef4@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, NULL, 2, NULL, NU
- (19, 'chef', 'chef', 'chef5@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, NULL, 2, NULL, NU
- (20, 'chef', 'chef', 'chef6@chef.fr', 'd5f2e5c77054c44c2c72a1b017deca06fc637c99', 1, NULL, 2, NULL, NU
- (21, 'user', 'user', 'user11@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL
- (22, 'user', 'user', 'user12@user.fr', '12dea96fec20593566ab75692c9949596833adc9', 1, NULL, NULL
- (23, 'houri', 'aby', 'aby@gmail.com', '5f50a84c1fa3bcff146405017f36aec1a10a9e38', 15, 60, 3, 33, 1, NULL, NU
- (24, 'TestN', 'TestN', 'TestN@TestN.fr', '25e39974ebb33750d7954e64e685e97df9311521', 15, 5000, 3, 36, 2, NULL, NULL, NULL, NULL),
- (26, 'TestNA', 'TestNA@mail.fr', '996af2c1b813481d638c7ef6836fb40a1dbcbb51', 15, 5000, 3, 38, 2, NULL, NULL, NULL, NULL),
- (27, 'TestNE', 'TestNE@mail.fr', '7679a1bb23c2867cab0c5b253a1edd77ce6536a3', 15, 5000, 3, 39, 2, NULL, NULL, NULL, NULL);

-- -----

```
-- Structure de la table `situer`
DROP TABLE IF EXISTS 'situer';
CREATE TABLE IF NOT EXISTS 'situer' (
  `id_f` int(11) NOT NULL,
  'id_a' int(11) NOT NULL,
  PRIMARY KEY ('id_f', 'id_a'),
  KEY `FK_situer_id_a` (`id_a`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `situer`
INSERT INTO `situer` (`id_f`, `id_a`) VALUES
(6, 27),
(7, 28),
(8, 29),
(9, 30),
(10, 32),
(11, 34),
(12, 35);
```

```
-- Structure de la table `suivre`
DROP TABLE IF EXISTS 'suivre';
CREATE TABLE IF NOT EXISTS 'suivre' (
  'etat' varchar(25) DEFAULT NULL,
  'id_s' int(11) NOT NULL,
  'id_f' int(11) NOT NULL,
  PRIMARY KEY ('id_s', 'id_f'),
  KEY `FK_suivre_id_f` (`id_f`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `suivre`
INSERT INTO `suivre` (`etat`, `id_s`, `id_f`) VALUES
('En attente', 2, 1),
('En attente', 2, 2),
('En attente', 2, 3),
('En attente', 2, 4),
('En attente', 2, 5),
```

```
('En attente', 2, 6),
('En attente', 2, 7),
('En attente', 2, 8),
('En attente', 2, 9),
('En attente', 2, 10),
('En attente', 2, 11),
('En attente', 2, 12),
('Validé', 3, 1),
('Validé', 3, 2),
('Validé', 3, 3),
('Refusé', 3, 4),
('Refusé', 3, 6),
('Refusé', 3, 7),
('Refusé', 3, 8),
('Validé', 3, 9),
('Validé', 3, 10),
('Refusé', 3, 11),
('Refusé', 3, 12),
('Validé', 7, 3);
-- Structure de la table `type_formation`
```

--

```
DROP TABLE IF EXISTS 'type_formation';
CREATE TABLE IF NOT EXISTS 'type_formation' (
  'id_t' int(11) NOT NULL AUTO_INCREMENT,
  `nom_type` varchar(25) DEFAULT NULL,
  'id_f' int(11) DEFAULT NULL,
  PRIMARY KEY ('id_t'),
  KEY `FK_type_formation_id_f` (`id_f`)
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8;
-- Déchargement des données de la table `type_formation`
INSERT INTO `type_formation` (`id_t`, `nom_type`, `id_f`) VALUES
(1, 'Alternance', 6),
(2, 'Initiale', 7),
(3, 'Initiale', 8),
(4, 'Alternance', 9),
(5, 'Initiale', 10),
(6, 'Alternance', 11),
(7, 'Alternance', 12);
-- Contraintes pour les tables déchargées
```

```
-- Contraintes pour la table `formation`
ALTER TABLE 'formation'
  ADD CONSTRAINT `FK_formation_id_a` FOREIGN KEY (`id_a`) REFERENCES `adresse` (`id_a`),
  ADD CONSTRAINT `FK_formation_id_p` FOREIGN KEY (`id_p`) REFERENCES `prestataire` (`id_p`);
-- Contraintes pour la table `prestataire`
ALTER TABLE 'prestataire'
  ADD CONSTRAINT `FK_prestataire_id_a` FOREIGN KEY (`id_a`) REFERENCES `adresse` (`id_a`);
-- Contraintes pour la table `salarie`
ALTER TABLE 'salarie'
  ADD CONSTRAINT `FK_salarie_id_a` FOREIGN KEY (`id_a`) REFERENCES `adresse` (`id_a`),
  ADD CONSTRAINT `FK_salarie_id_s_1` FOREIGN KEY (`id_s_1`) REFERENCES `salarie` (`id_s`);
-- Contraintes pour la table `situer`
```

```
ALTER TABLE 'situer'
  ADD CONSTRAINT `FK_situer_id_a` FOREIGN KEY (`id_a`) REFERENCES `adresse` (`id_a`),
  ADD CONSTRAINT `FK_situer_id_f` FOREIGN KEY (`id_f`) REFERENCES `formation` (`id_f`);
-- Contraintes pour la table `suivre`
ALTER TABLE 'suivre'
  ADD CONSTRAINT `FK_suivre_id_f` FOREIGN KEY (`id_f`) REFERENCES `formation` (`id_f`),
  ADD CONSTRAINT `FK_suivre_id_s` FOREIGN KEY (`id_s`) REFERENCES `salarie` (`id_s`);
-- Contraintes pour la table `type_formation`
ALTER TABLE 'type_formation'
  ADD CONSTRAINT `FK_type_formation_id_f` FOREIGN KEY (`id_f`) REFERENCES `formation` (`id_f`);
COMMIT;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```