CREATE TABLE IF NOT EXISTS `**destinataires**` (

`ID\_Message` char(4) NOT NULL default '',

`Destinataire` char(4) NOT NULL default '',

PRIMARY KEY (`ID\_Message`,`Destinataire`),

KEY `fk\_Destinataires\_Personne` (`Destinataire`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `estami` (

`SSN1` char(4) NOT NULL default '',

`SSN2` char(4) NOT NULL default '',

PRIMARY KEY (`SSN1`,`SSN2`),

KEY `fk\_EstAmi\_2` (`SSN2`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `message` (

`ID\_Message` char(4) NOT NULL default '',

`Contenu` char(128) default NULL,

`Date\_Expedition` date default NULL,

`Expediteur` char(4) NOT NULL default '',

PRIMARY KEY (`ID\_Message`),

KEY `fk\_Message\_Personne` (`Expediteur`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `personne` (

`SSN` char(4) NOT NULL default '',

`Nom` char(20) default NULL,

`Sexe` char(1) default NULL,

`Age` char(2) default NULL,

PRIMARY KEY (`SSN`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

ALTER TABLE `destinataires`

ADD CONSTRAINT `fk\_Destinataires\_Message` FOREIGN KEY (`ID\_Message`) REFERENCES `message` (`ID\_Message`),

ADD CONSTRAINT `fk\_Destinataires\_Personne` FOREIGN KEY (`Destinataire`) REFERENCES `personne` (`SSN`);

--

-- Contraintes pour la table `estami`

--

ALTER TABLE `estami`

ADD CONSTRAINT `fk\_EstAmi\_1` FOREIGN KEY (`SSN1`) REFERENCES `personne` (`SSN`),

ADD CONSTRAINT `fk\_EstAmi\_2` FOREIGN KEY (`SSN2`) REFERENCES `personne` (`SSN`);

--

-- Contraintes pour la table `message`

--

ALTER TABLE `message`

ADD CONSTRAINT `fk\_Message\_Personne` FOREIGN KEY (`Expediteur`) REFERENCES `personne` (`SSN`);