TP-SQL-BDD

**Partie 1 :**

Requête table ‘Usager’ :

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`usager` (`id\_carte` VARCHAR(3) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `nom` TEXT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `id\_categorie` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `montant\_caution` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `date\_carte` DATE [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_carte`));

Requête table ‘Ticket’ :

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`ticket` (`id\_ticket` VARCHAR(3) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `id\_carte` VARCHAR(3) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `date\_achat` DATE [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_ticket`));

Requête table ‘Tarif’ :

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`tarif` (`id\_prestation` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `id\_categorie` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `prix` DECIMAL(3,2) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_prestation`, `id\_categorie`));

Requête table ‘Prestation’:

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`prestation` (`id\_prestation` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `type\_prestation` VARCHAR(20) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_prestation`));

Requête table ‘Depot’ ::::

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`depot` (`id\_carte` VARCHAR(3)  [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `date\_depot` DATE [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `montant` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_carte`, `montant`, `date\_depot`));

Requête table ‘Categorie’ :

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`categorie` (`id\_categorie` INT [*NOT*](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `libelle\_categorie` TEXT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_categorie`));

Requête table ‘Achat’ :

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `jeu\_dessaie\_bdd`.`achat` (`id\_ticket` VARCHAR(3) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `id\_prestation` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `nombre` INT [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id\_ticket`));

Requete pour ajouter en clé étrangère id\_carte dans Ticket :

ALTER TABLE `jeu\_dessaie\_bdd`.`ticket` ADD CONSTRAINT `fk\_ticket\_id\_carte` FOREIGN KEY (`id\_carte`) REFERENCES `jeu\_dessaie\_bdd`.`usager` (`id\_carte`) ON DELETE CASCADE ON UPDATE CASCADE;

Requete pour ajouter en clé étrangère id\_categorie dans Usager :

ALTER TABLE `jeu\_dessaie\_bdd`.`usager` ADD CONSTRAINT `fk\_usager\_id\_categorie` FOREIGN KEY (`id\_categorie`) REFERENCES `jeu\_dessaie\_bdd`.`categorie` (`id\_categorie`) ON DELETE CASCADE ON UPDATE CASCADE;

INSERT DES DONNEES :

**PARTIE 2 :**

**1.**