-- -----------------------------------------------------

-- Schema mydb

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS mydb DEFAULT CHARACTER SET utf8 ;

USE mydb ;

-- -----------------------------------------------------

-- Table mydb.Race

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Race (

idRace INT NOT NULL,

Description VARCHAR(250) NULL,

Location VARCHAR(100) NULL,

Date DATETIME NULL,

Race\_Nam VARCHAR(45) NULL,

PRIMARY KEY (idRace),

UNIQUE INDEX idRace\_UNIQUE (idRace ASC))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Participant

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Participant (

ParticipantID INT NOT NULL,

First\_Name VARCHAR(45) NULL,

Last\_Name VARCHAR(45) NULL,

age INT NULL,

Gender VARCHAR(50) NULL,

Hometown VARCHAR(45) NULL,

ParticipantBIB VARCHAR(45) NULL,

PRIMARY KEY (ParticipantID),

UNIQUE INDEX ParticipantID\_UNIQUE (ParticipantID ASC))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Team

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Team (

TeamID INT NOT NULL,

TeamName VARCHAR(50) NULL,

TeamBIB VARCHAR(45) NULL,

PRIMARY KEY (TeamID),

UNIQUE INDEX TeamID\_UNIQUE (TeamID ASC))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Boat\_Class

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Boat\_Class (

Class\_ID INT NOT NULL,

Class\_Name VARCHAR(100) NULL,

PRIMARY KEY (Class\_ID))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Race\_has\_Participant

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Race\_has\_Participant (

Race\_idRace INT NOT NULL,

Participant\_ParticipantID INT NOT NULL,

PRIMARY KEY (Race\_idRace, Participant\_ParticipantID),

INDEX fk\_Race\_has\_Participant\_Participant1\_idx (Participant\_ParticipantID ASC),

INDEX fk\_Race\_has\_Participant\_Race1\_idx (Race\_idRace ASC),

CONSTRAINT fk\_Race\_has\_Participant\_Race1

FOREIGN KEY (Race\_idRace)

REFERENCES mydb.Race (idRace)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT fk\_Race\_has\_Participant\_Participant1

FOREIGN KEY (Participant\_ParticipantID)

REFERENCES mydb.Participant (ParticipantID)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Team\_has\_Participant

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Team\_has\_Participant (

Team\_TeamID INT NOT NULL,

Participant\_ParticipantID INT NOT NULL,

PRIMARY KEY (Team\_TeamID, Participant\_ParticipantID),

INDEX fk\_Team\_has\_Participant\_Participant1\_idx (Participant\_ParticipantID ASC),

INDEX fk\_Team\_has\_Participant\_Team1\_idx (Team\_TeamID ASC),

CONSTRAINT fk\_Team\_has\_Participant\_Team1

FOREIGN KEY (Team\_TeamID)

REFERENCES mydb.Team (TeamID)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT fk\_Team\_has\_Participant\_Participant1

FOREIGN KEY (Participant\_ParticipantID)

REFERENCES mydb.Participant (ParticipantID)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Team\_has\_Boat\_Class

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Team\_has\_Boat\_Class (

Team\_TeamID INT NOT NULL,

Boat\_Class\_Class\_ID INT NOT NULL,

PRIMARY KEY (Team\_TeamID, Boat\_Class\_Class\_ID),

INDEX fk\_Team\_has\_Boat\_Class\_Boat\_Class1\_idx (Boat\_Class\_Class\_ID ASC),

INDEX fk\_Team\_has\_Boat\_Class\_Team1\_idx (Team\_TeamID ASC),

CONSTRAINT fk\_Team\_has\_Boat\_Class\_Team1

FOREIGN KEY (Team\_TeamID)

REFERENCES mydb.Team (TeamID)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT fk\_Team\_has\_Boat\_Class\_Boat\_Class1

FOREIGN KEY (Boat\_Class\_Class\_ID)

REFERENCES mydb.Boat\_Class (Class\_ID)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Race\_has\_Boat\_Class

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Race\_has\_Boat\_Class (

Race\_idRace INT NOT NULL,

Boat\_Class\_Class\_ID INT NOT NULL,

PRIMARY KEY (Race\_idRace, Boat\_Class\_Class\_ID),

INDEX fk\_Race\_has\_Boat\_Class\_Boat\_Class1\_idx (Boat\_Class\_Class\_ID ASC),

INDEX fk\_Race\_has\_Boat\_Class\_Race1\_idx (Race\_idRace ASC),

CONSTRAINT fk\_Race\_has\_Boat\_Class\_Race1

FOREIGN KEY (Race\_idRace)

REFERENCES mydb.Race (idRace)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT fk\_Race\_has\_Boat\_Class\_Boat\_Class1

FOREIGN KEY (Boat\_Class\_Class\_ID)

REFERENCES mydb.Boat\_Class (Class\_ID)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table mydb.Race\_has\_Team

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS mydb.Race\_has\_Team (

Race\_idRace INT NOT NULL,

Team\_TeamID INT NOT NULL,

PRIMARY KEY (Race\_idRace, Team\_TeamID),

INDEX fk\_Race\_has\_Team\_Team1\_idx (Team\_TeamID ASC),

INDEX fk\_Race\_has\_Team\_Race1\_idx (Race\_idRace ASC),

CONSTRAINT fk\_Race\_has\_Team\_Race1

FOREIGN KEY (Race\_idRace)

REFERENCES mydb.Race (idRace)

ON DELETE CASCADE

ON UPDATE NO ACTION,

CONSTRAINT fk\_Race\_has\_Team\_Team1

FOREIGN KEY (Team\_TeamID)

REFERENCES mydb.Team (TeamID)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;