--Replace INSERT INTO with UPDATE for editing tuples/entries

--Insert new entries to Tables

INSERT INTO Participant

(First\_Name, Last\_Name, age, Gender, Hometown, ParticipantBIB)

VALUES ( , , , , , )

INSERT INTO Race

(Description, Location, Date, Race\_Name)

VALUES ( , , , )

INSERT INTO Boat\_Class

(Class\_ID, Class\_Name)

VALUES ( , )

INSERT INTO Team

(TeamID, TeamName, TeamBIB)

VALUES ( , , )

--Insert into relationships

INSERT INTO Race\_has\_Participant

(Race\_idRace, Participant\_ParticipantID)

( , )

INSERT INTO Race\_has\_Team

(Race\_idRace, Team\_TeamID)

( , )

INSERT INTO Race\_has\_Boat\_Class

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

( , )

INSERT INTO Team\_has\_Boat\_Class

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

( , )

INSERT INTO Team\_has\_Participant

(Team\_TeamID, Participant\_ParticipantID)

( , )

--Select race based on location

SELECT R.\*

FROM Race R

WHERE R.Location= ‘User input’

--Select race based on location

SELECT R.\*

FROM Race R

WHERE R.Date = ‘User input’

--Select race based on Class being used

Select R.\*

FROM Race R, Race\_has\_Boat\_Class H, Boat\_Class B

WHERE R.idRace = H.Race\_idRace AND H.Boat\_Class\_Class\_ID = B.Class\_ID And

B.Class\_Name = ‘User Input’

--Select Participants on a certain team

SELECT P.\*

FROM Participant P, Team\_has\_Participant H, Team T

WHERE P.ParticipantID = H.Participant\_ParticipantID AND H.Team\_TeamID = T.TeamID AND T.TeamName = ‘User Input’

ORDER BY P.Last\_Name

--Select Teams by race they are participating in

SELECT T.\*

FROM Team T, Race\_has\_Team H, Race R

WHERE T.TeamID = H.Team\_TeamID AND H.Race\_idRace = R.idRace AND R.Race\_Name = ‘User Input’

Order BY T.TeamName

--more selects

--Delete

DELETE FROM Race

WHERE “columbName = ‘Input’”

DELETE FROM Tean

WHERE “columbName = ‘Input’”

DELETE FROM Participant

WHERE “columbName = ‘Input’”

DELETE FROM Boat\_Class

WHERE “columbName = ‘Input’”

--Queries for add participant page

--add Participant

INSERT INTO participant(ParticipantID, First\_Name, Last\_Name, Age, Gender, Hometown, ParticipantBIB)

VALUES ( , , , , , , )

--add Participant to Team

INSERT INTO team\_has\_participant (ParticipantID, TeamID)

VALUES ( , )

--add Participant class they can use

INSERT INTO participant\_uses\_class (ParticipantID, ClassID)

VALUES ( , )

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--Queries for edit participant page

--edit participant

UPDATE participant

SET ParticipantID=value-1 ,First\_Name=value-2 ,Last\_Name=value-3, Age=value-4, Gender=value-5, Hometown=value-6, ParticipantBIB=value-7

WHERE participant.ParticipantID = value

--edit participant is on team

DELETE FROM team\_has\_participant

WHERE ParticipantID = value AND TeamID = value

INSERT INTO team\_has\_participant (ParticipantID, TeamID)

VALUES ( , )

--edit Participant class they can use

DELETE FROM participant\_uses\_class

WHERE ParticipantID = value AND ClassID = value

INSERT INTO participant\_uses\_class (ParticipantID, ClassID)

VALUES ( , )

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--Register for Race

--Question format

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--Results page

--List of races that are over/completed

SELECT \*

FROM race

WHERE Date < NOW()

--List results for Specific race based on ID

SELECT participant.First\_Name, participant.Last\_Name, participant.ParticipantID, race\_has\_participant.Time

FROM participant

LEFT JOIN race\_has\_participant

ON race\_has\_participant.ParticipantID = participant.ParticipantID

WHERE (participant.ParticipantID = race\_has\_participant.ParticipantID)

AND (race\_has\_participant.raceID = 1)