

COSC 1560 – Computer Programming II

Assignment 11

Deadline April 16, 2021

A class is required to manage information about a Sport. Data required for a particular Sport is as follows:

Name of the sport

Date of the next scheduled game in the sport (day, month, year)

Number of teams participating in the sport

A Class should be defined to manage the required information about a Sport. The required functions are as follows:

- i) Access and Modifier functions for each data member
- ii) A function to display information about a Sport, in a well-formatted manner
- iii) A function to populate all information in a Sport.

Write a 'main' function in which an array of Sport, of size 3, is created. Write a function called 'sportOperations' which takes the array of Sport as an argument. Within the 'sportOperations' function, the following options should be offered to the user:

- a) All Sports in the array are populated
- b) All Sports in the array are displayed
- c) A particular Sport in the array is populated
- d) A particular Sport in the array is displayed
- e) Calculate and display the average number of teams in the 3 Sports in the array
- f) Display the name of the Sport that is scheduled to take place on the earliest date.

THE DEPARTMENT STANDARDS FOR “STYLE GUIDELINES” SHOULD BE FOLLOWED IN ALL CODE.