

COSC 1560 – Computer Programming II

Assignment 11

Deadline November 29, 2023

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

The required functions for the Sport class 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.