



Faculty of Information Technology  
Final Semester Exam, 2022/2023 (1)

Course (Code) Name: ...**Programming with C...(INSY 228)**.....

Instructor: **Vivien Niyomugenga**

Exam Duration: 1.5hrs

Group : .....**Day**.....

Date: .../12/2022

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## INSTRUCTIONS:

- **This is a practical exam. Answer all questions**
- **Exam is closed books and notes. Access to internet is also prohibited**
- **Any form of cheating is punishable by AUCA academic policy**

## Question:

Write a C program that manages teams' scores in the ongoing World Cup in Qatar. A team plays many games, and the program record games with the following information: Team (Country), Date of the game, number of goals scored, number of goals conceded. Implement the program performing the following:

- Use a structure "team" that enables recording the above information. /6marks
- Records data from users and store them in a file, using a function. /6marks
- Reads from the file and displays all games using a function. /6marks
- Display teams that have scored more goals than the ones conceded in total not per game. /6marks
- A user-friendly menu to call the above functions. /6marks

**Good luck**