INDIVIDUAL PROJECT WORK
SEPTEMBER/OCTOBER SEMESTER 2022

BACHELOR OF COMPUTER SCIENCE (HONS.)
(IN COLLABORATION WITH IUKL)

APPLIED PROGRAMMING/ADVANCE PROGRAMMING
(CSC 3532/CSC 3530)

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GENERAL INSTRUCTIONS

1. This question booklet consists of 2 pages including this page.
2. There is one **SECTION** in this question booklet.
3. Please submit assignment solution in **SOFT COPY.**
4. **The Deadline for Submission is on 9th January.**

Design and implement a complete snake game system.
Students must submit a project report *(Report consist of 1. Introduction, 2. Objective, 3. System Design 4. Application Snapshots 5. Complete running code 6. References)*
With following information.

1. Introduction of the system that you are going develop.

(1 marks)

2. Objective of the purpose system.

(1 marks)

3. Perform System Design *(Use Case, ER diagram and Data Dictionary)*

(3 marks)

4. You are a Software Developer of a reputed software company *"Sunway International"* and company assign you high value project *"Sunway Snake Game for Kids".*You need to develop a project for kids with fellow features.
   a) Head of Snake
   b) Snake's food
   c) Snake movement (UP,DOWN, RIGHT, LEFT)
   d) Your program should connect keyboard keys (W,S,D,A)
   e) Use TKinter for the GUI

(25 marks)