|  |  |  |
| --- | --- | --- |
| https://upload.wikimedia.org/wikipedia/commons/thumb/4/4e/VU_Logo.png/260px-VU_Logo.png | **Artificial Intelligence Practical (CS607P)**  Assignment # 02  **Spring 2024** | **Total marks = 10**  **Deadline**  **June 24, 2024** |
| **Please carefully read the following instructions before attempting the assignment.**  **RULES FOR MARKING**  **It should be clear that your assignment would not get any credit if:**   * The assignment is submitted after the due date. * The submitted assignment does not open or the file is corrupt. * Strict action will be taken if the submitted solution is copied from any other student or the internet.   **You should consult the recommended books to clarify your concepts as handouts are not sufficient.**  **You are supposed to submit your assignment in Doc or Docx** **format.**  Any other formats like scan images, PDF, ZIP, RAR, PPT, BMP, etc. will not be accepted.  **Topic Covered:**   * Introduction to CLIPS * How to define template for facts * How to create or add fact in CLIPS   **Topic Covered**  Week 07 to Week 10 | | |
| **NOTE**  No assignment will be accepted *after the due date via email in any case* (whether it is the case of load shedding or internet malfunctioning etc.). Hence refrain from uploading assignments in the last hour of the deadline. It is recommended to upload the solution at least two days before its closing date.  If you people find any mistake or confusion in the assignment (Question statement), please consult with your instructor before the deadline. After the deadline, no queries will be entertained in this regard.  **For any query, feel free to email me at:**  [**CS607P@vu.edu.pk**](mailto:CS607P@vu.edu.pk) | | |

**Question** **Marks (10)**

Define a fact’s template in CLIPS (using deftemplate keyword) for the following structure.

**Template Structure:**

Product ( P\_Name ,

P\_Price ,

P\_Type

Manufacture\_Date ,

Expiry\_Date )

Create/Add three facts of this template having the following data.

**Facts Data:**

Lays , 60 , Chips , 14/06/2024 , 13/08/2024

Slice , 50 , Juice , 18/05/2024 , 17/07/2024

7Up , Soft\_Drink , 100, 22/03/2023 , 21/03/2024

=================================== END ========================================