Consider a technical training institute which provides trainings on multiple courses.

You need to write a console-based application for the site-admin to perform following tasks:

1. Add new course
2. Update course details
3. Add discount of 20% for all weekend courses scheduled in December 2022 & July 2023
4. Pause all the short-term courses (duration less than a month) of January 2023
5. List out course names which are finished till date

You can create a class **Course** that stores

* Id (Unique identifier, should be generated automatically)
* title (text)
* fee (in INR)
* discount (in percentage)
* course start date
* course end date
* session start time
* session end time
* frequency (should be enum like DAILY, WEEKDAYS\_ONLY, WEEKEND\_ONLY)
* status (PLANNED, STARTED, FINISHED, PAUSED)

**Marks Distribution:**

* Basic structure of program including class, enum, choice of suitable collections, basic validations etc. [**10 Marks]**
* Implementation of functionality 1 [**5 Marks**]
* Implementation of functionality 2 [**5 Marks**]
* Implementation of functionality 3 [**5 Marks**]
* Implementation of functionality 4 [**5 Marks**]
* Implementation of functionality 5 [**5 Marks**]
* Java naming convention, exception handling [**5 Marks**]