Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Yr&Sec\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Weeks** | **Topics** | **GITHUB** | **YouTube** | **Remarks** | **Type** | **Date With Signature** |
|  | [Navigating to github](https://github.com/professorric/c-with-asp.net/blob/e7792fbc663a951a8b005d5caf104716c8fa6d2a/README.md) | [Click](https://youtu.be/XiMlon8TBEs) | [YT](https://youtu.be/2pHd4Um_W_c) |  |  |  |
| 0 | 5 Door Challenge | [Click](https://github.com/professorric/c-with-asp.net/tree/4d1e91a63f0af726dce6c8d8280f2d630c2791b1/5%20Door%20Challenge) | [YT](https://youtu.be/gfjh3HG7Fdw) |  |  |  |
| 1 | Appointment Scheduling Optimization | [Click](https://github.com/professorric/c-with-asp.net/tree/4d1e91a63f0af726dce6c8d8280f2d630c2791b1/Appointment%20Scheduling%20Optimization) | YT |  |  |  |
| 2 | Patient Triage System | [Click](https://github.com/professorric/c-with-asp.net/tree/4d1e91a63f0af726dce6c8d8280f2d630c2791b1/Patient%20Triage%20System) | YT |  |  |  |
| 3 | Hospital Bed Allocation | [Click](https://github.com/professorric/c-with-asp.net/tree/4d1e91a63f0af726dce6c8d8280f2d630c2791b1/Hospital%20Bed%20Allocation) | YT |  |  |  |
| 4 | Health Condition Prediction Based on Symptoms | [Click](https://github.com/professorric/c-with-asp.net/tree/4d1e91a63f0af726dce6c8d8280f2d630c2791b1/Health%20Condition%20Prediction%20Based%20on%20Symptoms) | YT |  |  |  |
| 5 | Health Data Clustering | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Health%20Data%20Clustering) | YT |  |  |  |
| 6 | Symptom Progression Modeling | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Symptom%20Progression%20Modeling) | YT |  |  |  |
| 7 | Emergency Response Optimization | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Emergency%20Response%20Optimization) | YT |  |  |  |
| 8 | Drug Dosage Calculation | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Drug%20Dosage%20Calculation) | YT |  |  |  |
| 9 | Patient Data Privacy (Anonymization) | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Patient%20Data%20Privacy%20(Anonymization)) | YT |  |  |  |
| 10 | Disease Outbreak Prediction | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Disease%20Outbreak%20Prediction) | YT |  |  |  |
| MIDTERM | | | | | | |
| 12 | Fitness Tracker Data Analysis | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Fitness%20Tracker%20Data%20Analysis) | YT |  |  |  |
| 13 | Medical Record Search Engine | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Medical%20Record%20Search%20Engine) | YT |  |  |  |
| 14 | Predicting Hospital Readmission | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Predicting%20Hospital%20Readmission) | YT |  |  |  |
| 15 | Chronic Disease Risk Assessment | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Chronic%20Disease%20Risk%20Assessment) | YT |  |  |  |
| 16 | Medical Inventory Management | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Medical%20Inventory%20Management) | YT |  |  |  |
| 17 | Medical Image Processing for Diagnosis | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Medical%20Image%20Processing%20for%20Diagnosis) | YT |  |  |  |
| 18 | Health Insurance Claims Fraud Detection | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Health%20Insurance%20Claims%20Fraud%20Detection) | YT |  |  |  |
| 19 | Personalized Treatment Plan Generator | [Click](https://github.com/professorric/c-with-asp.net/tree/29baff9f26710366cc8c7c8b29952c924a2812b6/Personalized%20Treatment%20Plan%20Generator) | YT |  |  |  |
| 20 | Checking |  |  |  |  |  |
| FINALS | | | | | | |

**Instruction for this semester Lesson**

**Week 0: How to Navigate the Lessons**

To get started with each lesson, follow these steps:

* **Visit GitHub**: Access the lesson's GitHub repository by clicking the corresponding link in the table of contents.
* **Watch the YouTube Tutorial**: Each lesson includes a YouTube link that guides you through the topic. Click the link to watch the step-by-step tutorial.
* **Set Up Your Development Environment**: Follow the instructions provided in the GitHub repository and YouTube to prepare your environment for the lesson.
* **Study the Code**: Review the provided code examples and explanations to understand the concepts thoroughly.

By combining these resources, you’ll gain a deeper understanding of the lesson content.

**Laboratory Activity and Scoring System**

Each week, the laboratory activity will involve the following:

 **Code Discussion and Q&A**:

* Students will participate in a collaborative discussion about the code provided in the lesson.
* Questions will be asked, and students are encouraged to provide answers, expand on the code, and share insights.

 **Debugging Session**:

* Students will have dedicated time to debug the code and identify issues.
* Peer collaboration and individual problem-solving will be emphasized.

 **Participation Scoring**:

* Each student called upon to participate will earn **3 points per contribution**.
* Additional points will be awarded for active participation, insightful answers, and meaningful code improvements.
* Students can accumulate points throughout the week, up to a **maximum of 100 points per week**.

**Weekly Scoring Breakdown**

 **Participation in Discussions and Q&A**: 60 points

* Answering questions, contributing to discussions, and demonstrating understanding of the code.

 **Debugging Contributions**: 30 points

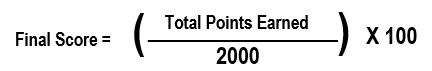
* Identifying and resolving issues during the debugging session.

 **Extra Effort and Initiative**: 10 points

* Going above and beyond, such as proposing creative solutions or helping peers.

**Total Recitation Score for the Term**

* The course spans **20 weeks**, with a maximum of **100 points per week**.
* By the end of the term, students can earn up to **2,000 points**.
* Final recitation score will be calculated as a percentage:



This score will contribute to the overall class record as a **100-point component**.

**Example Calculation**

If a student earns:

* Week 1: 85 points
* Week 2: 90 points
* Week 3: 100 points
* ... (and so on for 20 weeks)

Total Points Earned = 1,850

**Final Score = (1850​ / 2000) x 100 = 92.5**

This student’s recitation score would be **92.5/100**.