

ID I063 – INTRODUCTION TO PROGRAMMING



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Machine Learning



Saurabh kumar

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Cyber Security, Mobile Security, Cyber forensics and Malware Analysis.



Jyothi Vedurada

C-213/B

✉ jyothiv@cse.iith.ac.in

Program Analysis, Program Understanding, Automated Concurrency Testing, and High-Performance Computing.

J, K, V surname order

ADMINs AND TAs



G. Praveen Kumar



Soumik Kumar Basu



Kavali Kirankumar



Krishn Vishwas Kher



Marepally Shivakumar Reddy



Ponnampalam Pirapuraj

And 60 more !



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

W E L C O M E

WELCOME TO IITH



WELCOME TO IITH



WELCOME TO IITH



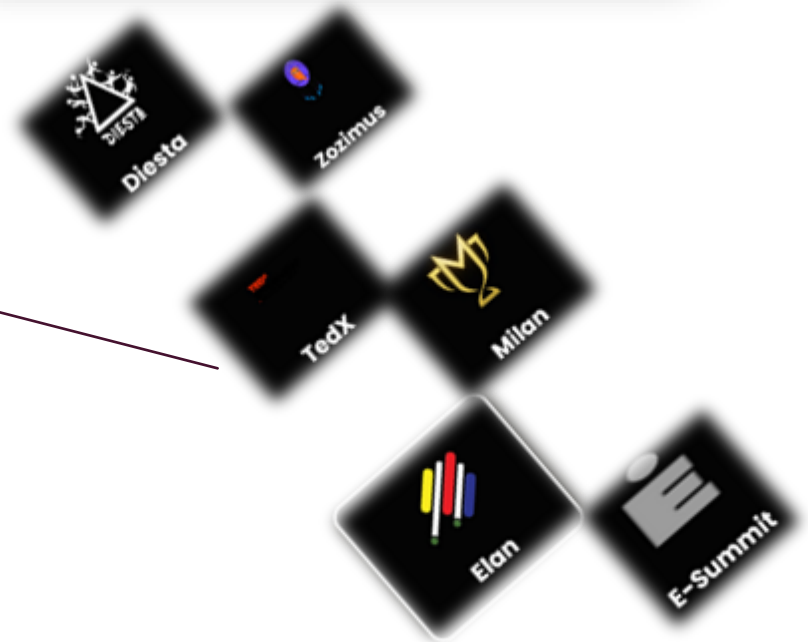
WELCOME TO IITH



WELCOME TO IITH



WELCOME TO IITH



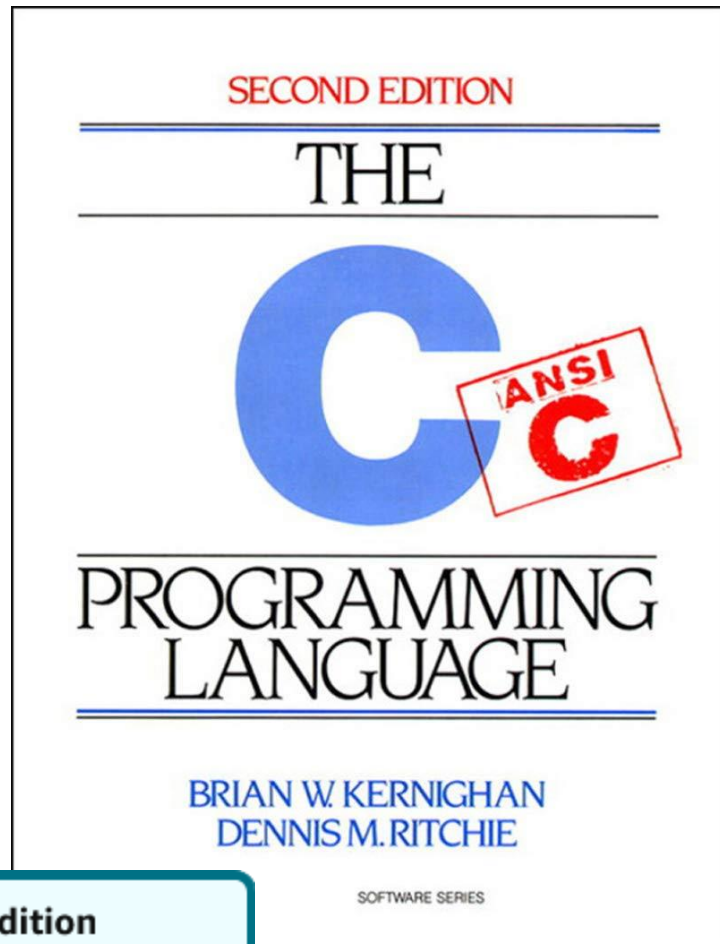
A red forklift is lifting a blue shipping container from a stack of various colored containers (blue, orange, red, green) in a yard. The forklift is positioned on the right side of the frame, and the container is being lifted from the middle of the stack. The background shows a clear blue sky and some distant buildings.

COURSE LOGISTICS

CONTACT HOURS

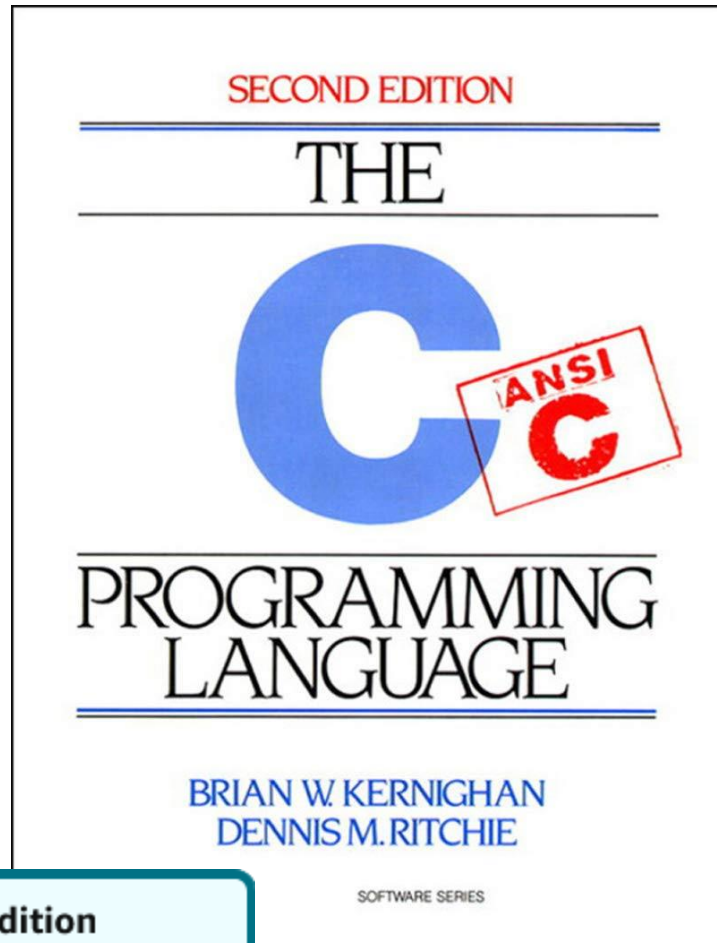
- $\approx$ 2 hours of lecture per week
 - Tuesdays 2:30pm-4:30pm @ LHC-5
 - Additional assistance 4:30pm-5:30pm
- $\approx$ 2 hours of hands-on practice per week
 - Thursdays 6pm-8pm @ LHC-5
 - Attendance mandatory

TEXTBOOKS

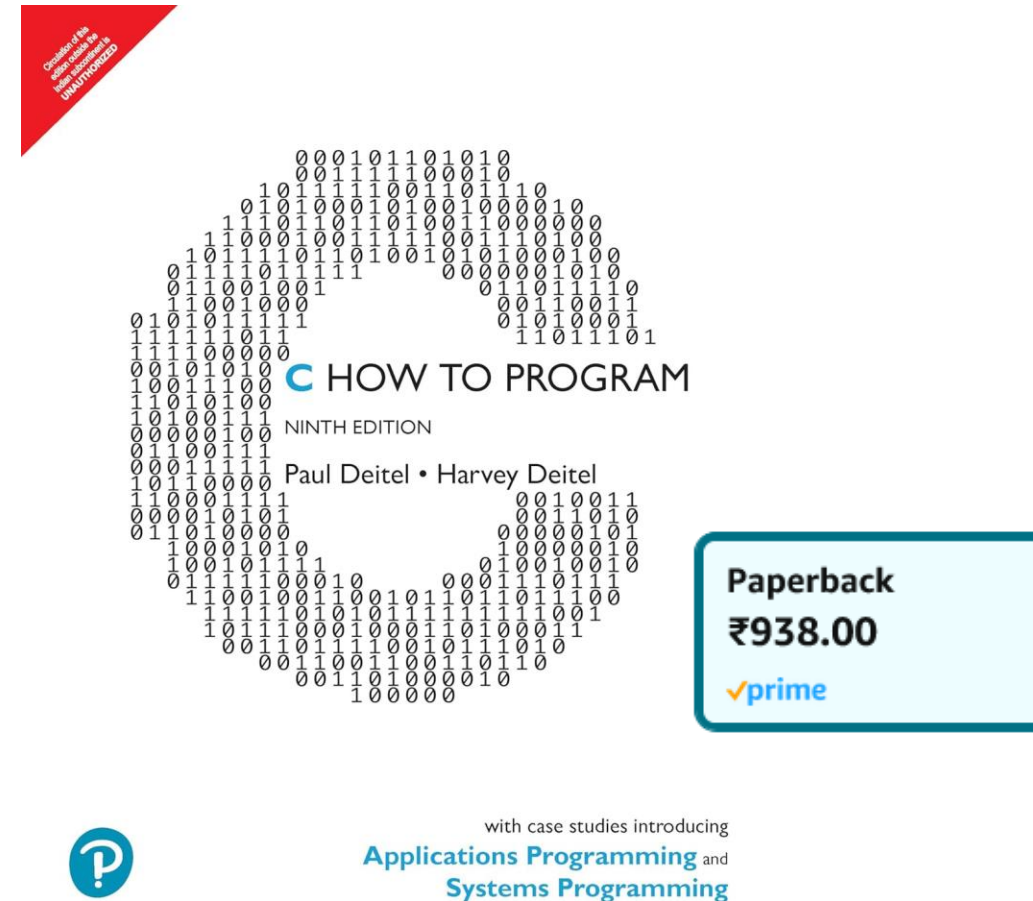


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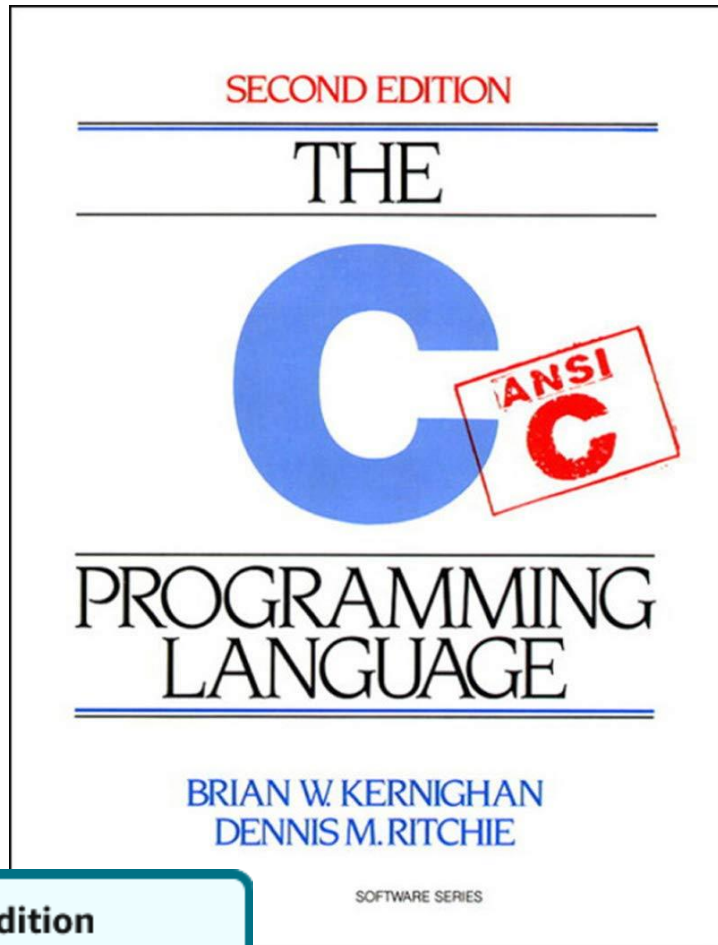
TEXTBOOKS



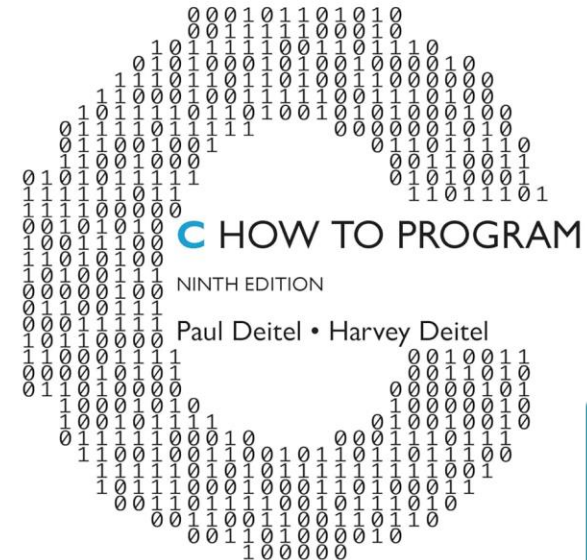
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TEXTBOOKS



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C How to Program 7e (Old Edition)

by Deitel | 1 January 2015

★★★★★ 167

Paperback

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COURSE GOALS

- Foundations of C language
 - Thinking like a computer programmer
 - You should be able to learn other programming languages on your own
- Write, debug, read C programs
- Good programming practices

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Avoid IDEs till we teach

TOOLS



- Google Classroom code “**3a4aod4**”
- Course page on instructor home
- Piazza code “**id1063**”



ASK FOR HELP IF REQUIRED



Instructors will be available during “office hours” to clarify doubts etc.

Feel free to contact over email/chat

Don't shy from using mic during lecture 😊

Discuss after lecture (piazza)



TAs and admins are knowledgeable and can be asked to help

Available during practice sessions

email/chat/appointment

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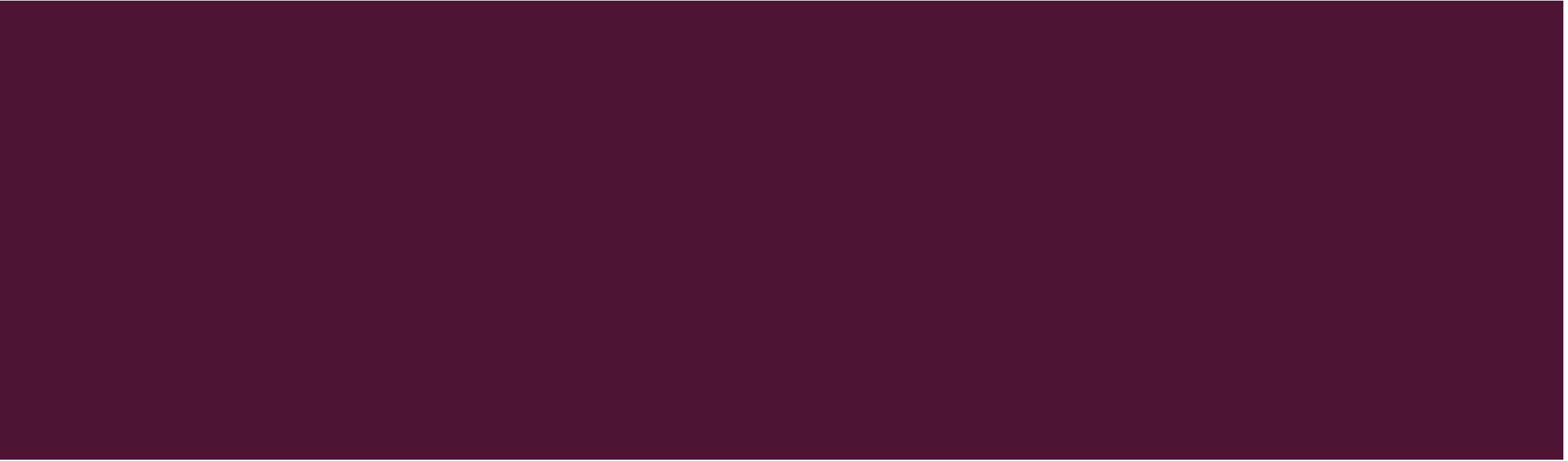


Avoid collaborative learning sources



SPECIAL REQUIREMENTS ?

PLEASE GET IN TOUCH





COURSE EVALUATION



EVALUATION SCHEME

- Your programs in weekly practice sessions will be evaluated
 - 15 sessions, each 1 mark – **15 marks**
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- Your programs in weekly practice sessions will be evaluated
 - 15 sessions, each 1 mark – 15 marks
- Alternate week “lab exam”
 - Best 5 of 7 exams, each 5 marks – **25 marks**
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EVALUATION SCHEME

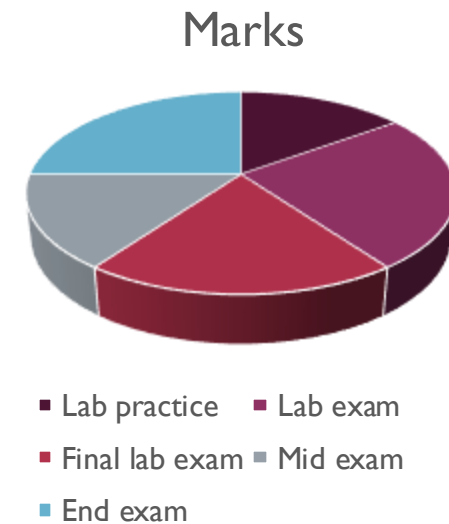
- Your programs in weekly practice sessions will be evaluated
 - 15 sessions, each 1 mark – 15 marks
- Alternate week “lab exam”
 - Best 5 of 7 exams, each 5 marks – 25 marks
- Final lab exam – **20 marks**

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EVALUATION SCHEME

- Your programs in weekly practice sessions will be evaluated
 - 15 sessions, each 1 mark – 15 marks
- Alternate week “lab exam”
 - Best 5 of 7 exams, each 5 marks – 25 marks
- Final lab exam – 20 marks
- Mid-semester written exam – 15 marks
- End-semester written exam – 25 marks



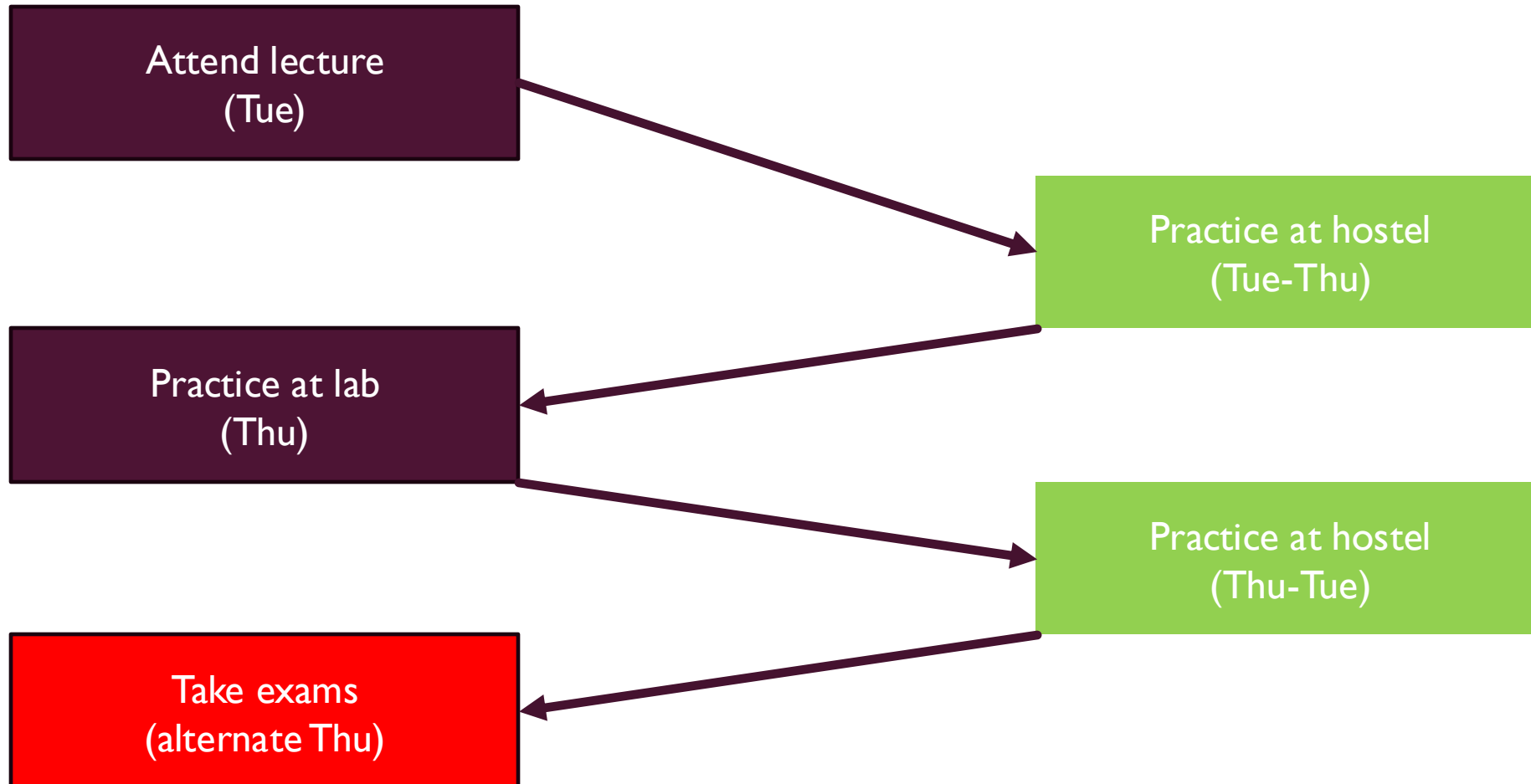
LAB DETAILS

- Every student must bring a **laptop (fully charged)**, **ID card** and a **pen/pencil**
 - No other devices allowed including watches, phones etc. No books, paper etc.
- -
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- -
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LAB DETAILS

- Every student must bring a **laptop (fully charged)**, **ID card** and a **pen/pencil**
 - No other devices allowed including watches, phones etc. No books, paper etc.
- Attempt questions on “**prutor**”
 - Can only be accessed inside the venue, using your login.
 - run our **activity monitor** program
- Practice sessions are collaborative
 - Question briefing will be done
 - TAs may orally quiz randomly
- No collaboration/help in exams

EXPECTED ID I063 STUDENT SCHEDULE 😊





ACADEMIC INTEGRITY AND HONESTY

- IIT expects top standards of integrity
- We have a **plagiarism** policy in place
- Any deviation will lead to “Fail (FR)” grade
 - Case reported to disciplinary action committee