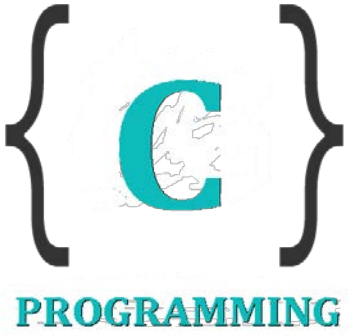

IT 112: Introduction to Programming

Dr. Manish Khare
Dr. Bakul Gohel

Introduction Lecture

About Me

Dr. Manish Khare

M.Sc. (Computer Science), M.Tech. (Computer Science and Engineering), PhD (Computer Science)

Address

Faculty Block – 4

Room No. 4204

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Phone: +91-9452081912

https://sites.google.com/site/mkharejk/

About Me

Dr. Bakul Gohel

PhD (Bio and Brain Engineering)

Address

Faculty Block – 2

Room No. 2201

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https://daiict.ac.in/index.php/faculty-details/205

Introduction – IT112

- Course Name: Introduction to Programming
- Course Id: IT112
- Credits: 3(L)-0(T)-0(P)-3(C)
- Related Course:
  - Introduction to Programming Lab (IT113)
    - Credits: 0(L)-0(T)-2(P)-1(C)

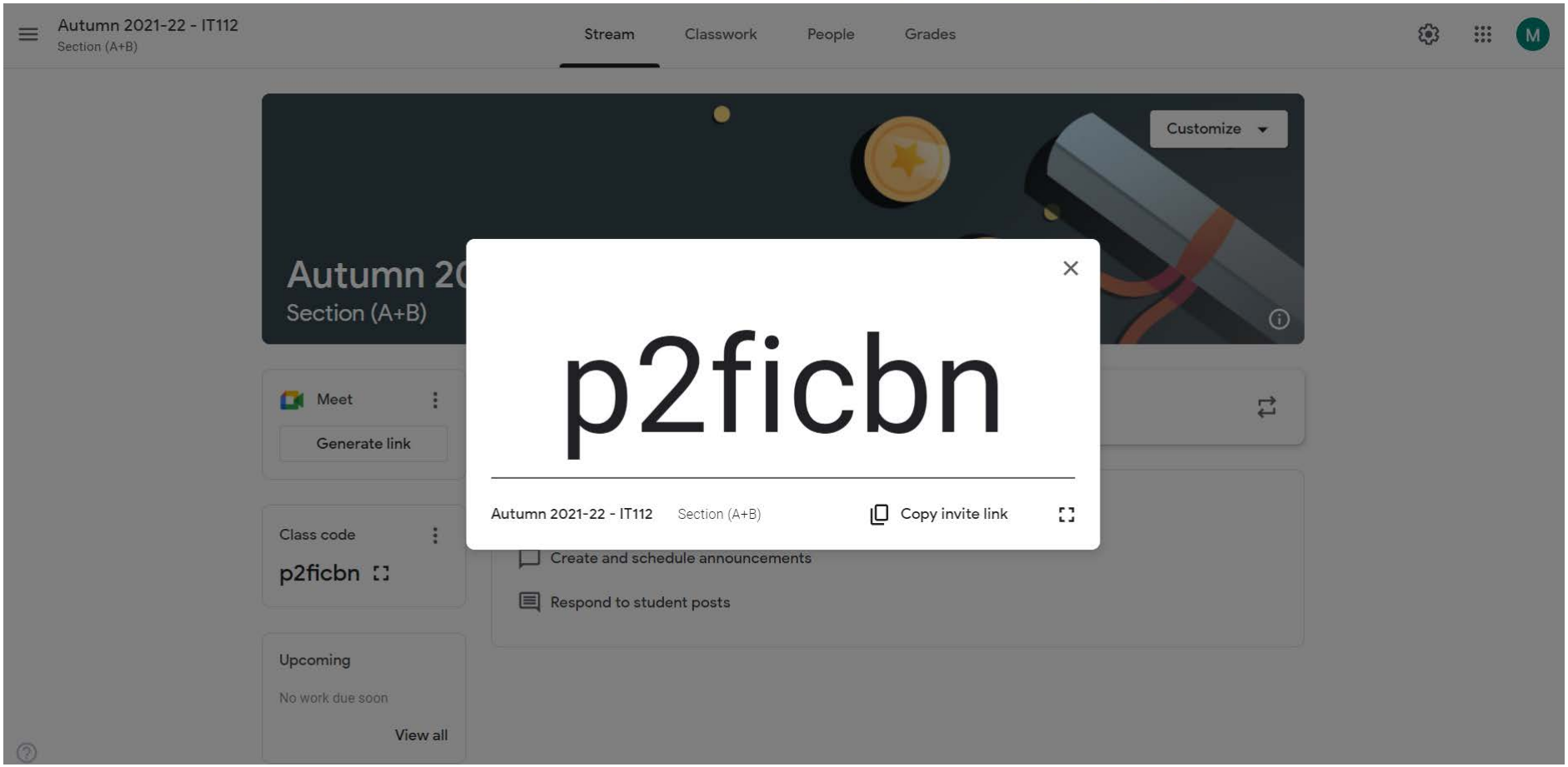
Schedule

- Lectures
  - Tuesday (08:30 – 09:45)
  - Friday (10:15 - 11:30)

Platform Used for Lecture

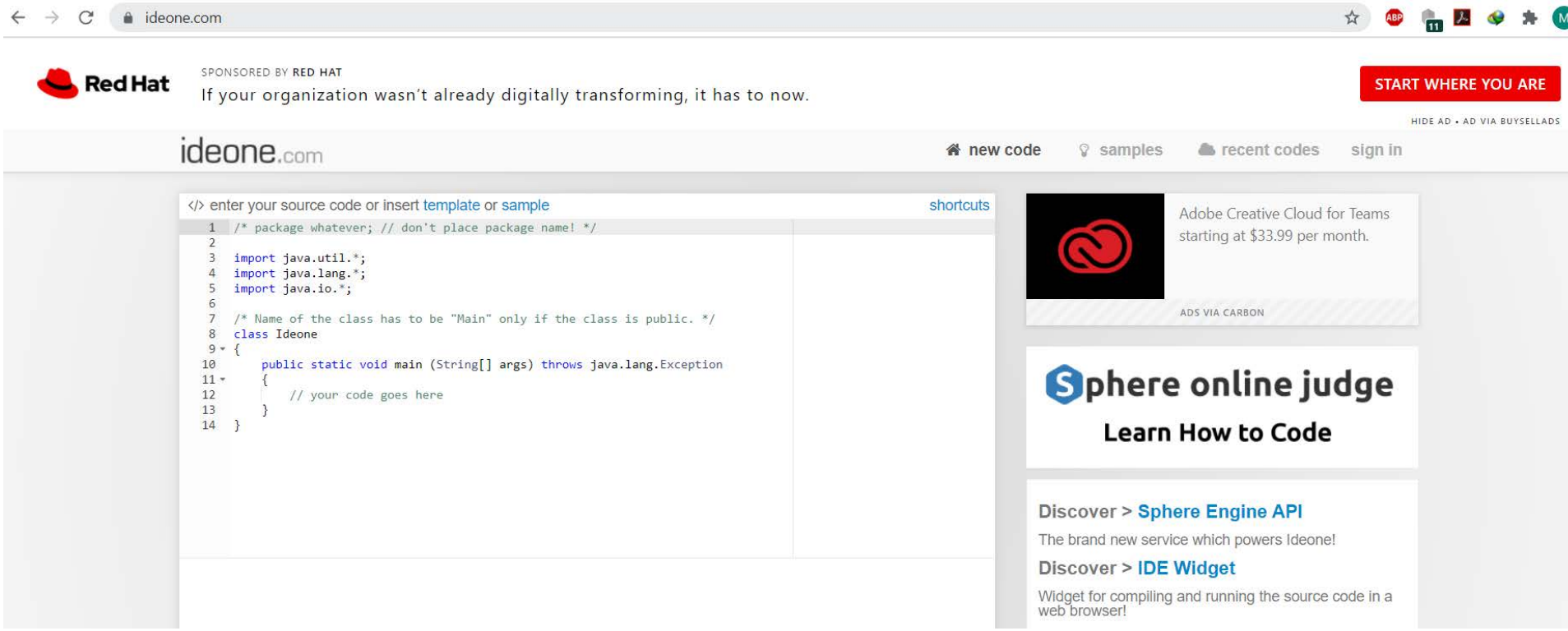
- Cisco Webex
  - Link will be sent to you one day before schedule lecture (https://daiict.webex.com/meet/manish_khare)
- For Lecture Slides and Other Reference Matter
  - Google Classroom
    - Class Code: (p2ficbn)

Customize
Autumn 2021-22 - IT112 (Introduction to Programming)
Section (A+B)


Autumn 2021-22 - IT112
Section (A+B)
Stream
Classwork
People
Grades
M
Customize
Autumn 2
Section (A+B)
Meet
Generate link
Class code
p2ficbn
Upcoming
No work due soon
View all
p2ficbn
Autumn 2021-22 - IT112
Section (A+B)
Copy invite link
Create and schedule announcements
Respond to student posts

Platform used for in-class Exercise

- www.ideone.com



Course Evaluation Policy – IT 112

- Evaluation Distribution:
  - Mid-Semester Exam – 30%
  - Mid Term Course Viva – 10%
  - Final Course Viva – 10%
  - Final Exam – 50%

Suggested Books / Literatures

- Y. Kanetkar “Let Us C”, BPB publication
- Reema Thareja, “Programming in C”, Oxford University Press
- C The Complete Reference, Schildt, TMH

Teaching Assistants

TBD

Course Outline

- Introduction
- Decision Control Structure
- Loop Control Structure
- Case Control Structure
- Function
- Pointers
- Arrays
- Structures
- File Handling
- Introduction to Object Oriented Programming

Why Should You Take This Course?

- *"Without a strong foundation, you'll have trouble creating anything of value."* – Erika Opperheimer

- A deep and clear understanding of how a program runs in a computer system forms the bedrock on which you then build a successful career in software.
- This course does exactly the same – gives you crystal clear picture of what happens under the hood when a software is run.
- Thorough programming practice.
- No programming language is better than 'C' to make this bedrock rock-solid.

You cannot be great at start of anything, but you have to start to be great.

So making a beginning is important

Above all …

Believe in yourself!