Department of Computer Engineering
K. K. Wagh Institute of Engineering Education and Research
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

Academic Year: 2018-19 **Semesters: I**

Course Name: Fundamentals of Programming Languages I

Class: FE **Division: A & G**

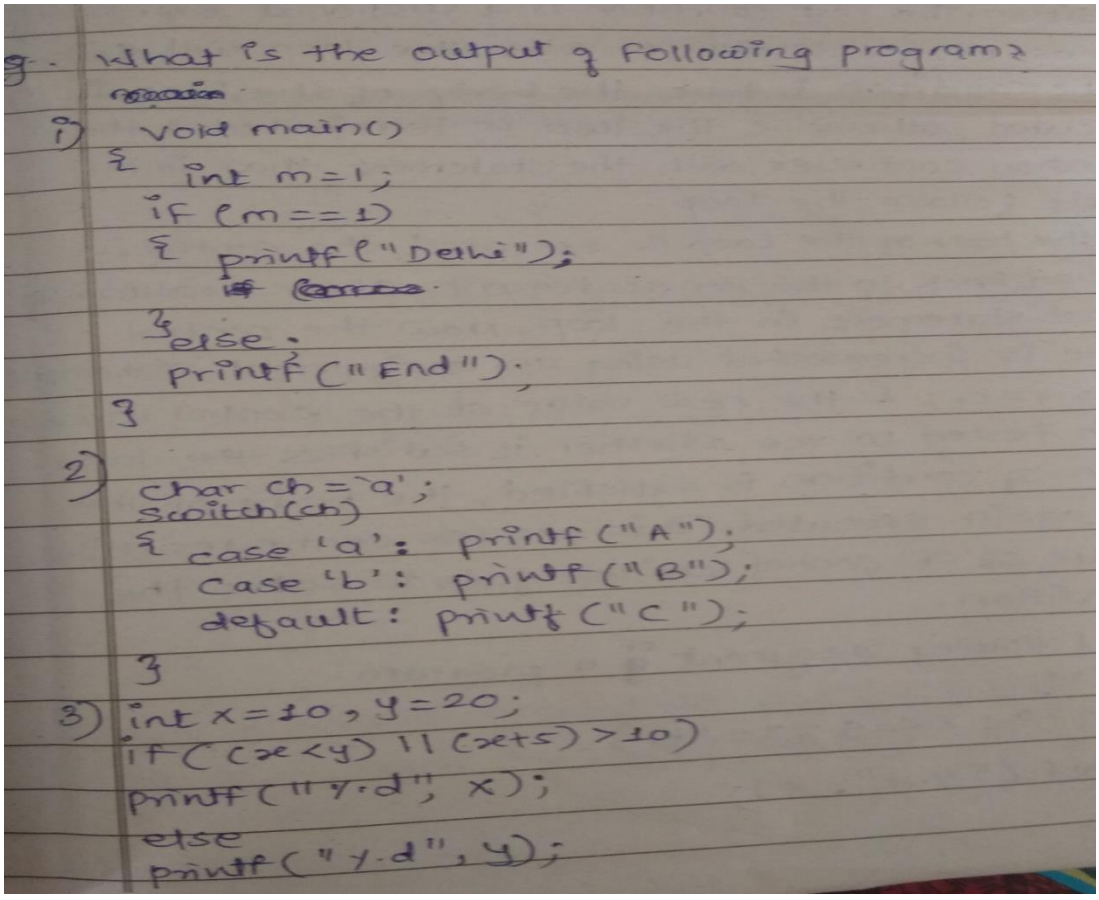
Name of the Faculty: J.N.Thakur

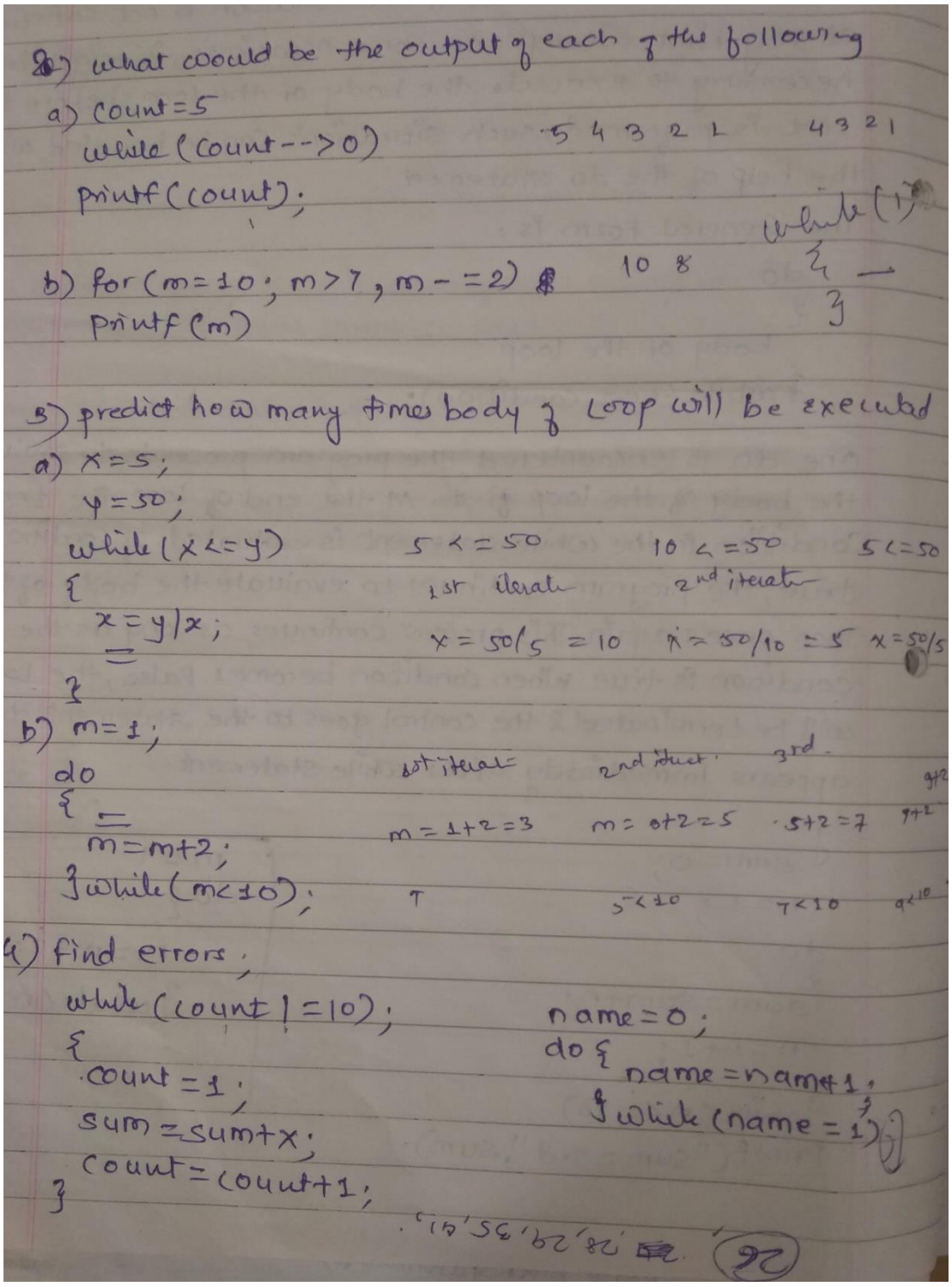
Name of Method: Collaborative learning

Description: Collaborative learning is a situation in which two or more people learn or attempt to learn something together. Unlike individual learning, people engaged in collaborative learning capitalize on one another's resources and skills.

The above scheme was applied on FE Students during their practical slot .Here each and every student was given a sample code to debug and come with an output and analyze the result and was ask to share his /her experience and learning with the other students.

Following is sample sample codes given to students.





Impact of Innovative Method:

It helped students understand the syntax and semantics of the language, logic building and enhancing programming skills.

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Academic Year: 2017-18 **Semesters: I**

Course Name: Database Management System

Class: TE **Division: B**

Name of the Faculty: Prof. Dr. S. S. Sane

Name of Method: Collaborative learning

Description:

A problem statement was given to group of students and they were asked to discuss and draw E-R diagram and normalized the database design.

Each group then presented their design and discussed/criticized

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Impact of Innovative Method:

Students could better understand making decision about attributes Vs Entity, Entity Vs Relationships, ISA VS Has-a relationship etc.

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Academic Year: 2017-18 **Semesters: II**

Course Name: Software Design Methodologies & Testing

Class: BE **Division: A**

Name of the Faculty: Prof. Dr. S. S. Sane

Name of Method: Collaborative learning

Description:

A problem narration was given to group of students and was asked to discuss and develop and present their own version of detailed Use Case. The others suggested missing things in the Use case.

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Impact of Innovative Method:

Students could learn and understand significance of Use Cases in Design.

Note: For feedback please email us at mjmetkar@kkwagh.edu.in