

CERTIFICATE IN MOBILE APPLICATION DEVELOPMENT (CMAD)

Assignments

(January, 2025 & July, 2025 sessions)

BCS-091, BCS-092, BCS-093, BCS-094, BCSL-091

Assignments



**SCHOOL OF COMPUTER AND INFORMATION SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

CONTENTS

Course Code	Assignment No.	Submission-Schedule		Page No.
		For January-June Session	For July-December Session	
BCS-091	CMAD/091/Assignment /2025	30th April, 2025	30th October, 2025	3
BCS-092	CMAD/092/Assignment /2025	30th April, 2025	30th October, 2025	4
BCS-093	CMAD/093/Assignment /2025	30th April, 2025	30th October, 2025	5
BCS-094	CMAD/094/Assignment /2025	30th April, 2025	30th October, 2025	6
BCSL-091	CMAD/L-091/Assignment /2025	30th April, 2025	30th October, 2025	7

Important Notes

1. Submit your assignments to the Coordinator of your Study Centre on or before the due date. Please refer to <http://www.ignou.ac.in> for latest updates
2. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to CMAD Programme Guide.
3. To become eligible for appearing the Term End Practical Examination for the lab courses, it is essential to fulfill the minimum attendance requirements as well as submission of assignments (on or before the due date). For further details, please refer to the CMAD Programme Guide.

Course Code	:	BCS-091
Course Title	:	Introduction to Mobile Architecture
Assignment Number	:	CMAD/091/Assignment /2025
Maximum Marks	:	25
Last Dates for Submission	:	30th April, 2025 (for January session) 30th October, 2025 (for July session)

This assignment has Four questions carrying a total of 25 marks. Answer all questions. You may use illustrations and diagrams to enhance your explanations.

Question 1: Consider the following two mobile apps: SWIGGY and ZOMATO. Now, compare them on the following parameters: (i) Ease of use (ii) Features (iii) Functionality. Make assumptions wherever necessary. **(10 marks)**

Question 2: What are the latest versions of Android and iOS? List atleast 5 features of each of them. Also, compare them. **(5 marks)**

Question 3: Which is the latest Mobile processor? Explain its architecture with the help of a diagram. Also, list any 5 features of it. **(5 marks)**

Question 4: Explain any two approaches for cross platform mobile app development. **(5 marks)**