

CERTIFICATE IN MOBILE APPLICATION DEVELOPMENT (CMAD)

Assignments

(January, 2026 & July, 2026 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**

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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 /2026**
Maximum Marks : **25**
Last Dates for Submission : **30th April, 2026 (for January session)**
31st October, 2026 (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: **(10 Marks)**

Consider any two mobile apps that are in a similar domain. For example, SWIGGY and ZOMATO. Now, compare them on the following parameters: (i) Ease of use (ii) Features (iii) Functionality. Make assumptions, if necessary.

Question 2: **(5 Marks)**

What are the latest versions of iOS and Android? Compare the latest version of iOS with earlier versions.

Question 3: **(5 Marks)**

List the features of any one mobile processor that was recently (preferably) launched.

Question 4: **(5 Marks)**

If you want to develop a Mobile APP which runs in multiple Mobile Operating Systems environments, then which tools will you use? Name as many tools as possible. Also, very briefly, write the functionality of each tool.