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Steps to take C Programming Lab-IA

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Step 1 – Student needs to login in their portal and then needs to click on “Courses Tab”.



Dashboard

Syllabus

LEARN

Courses

Virtual Classroom

COLLABORATE & COMMUNICATION

Notification & Inbox

Discussion Forum

External Communities

Swayam

ASSIGNMENTS, QUIZZES AND EVALUATIONS

Internal Assessment

Exam Form

External Exam

The screenshot displays the student portal's home page. At the top left is a hamburger menu icon, and at the top right is a user profile icon. The main content area is titled "Home" and features six large, colorful cards arranged in a 2x3 grid. Each card has an illustration on the left and text on the right. The top row includes "Learn" (blue), "Collaborate & Communication" (pink), and "Report Card" (teal). The bottom row includes "Your University Enrollment" (orange), "Assignments, Quizzes and Evaluations" (red), and "Fee Schedule & History" (yellow). A left sidebar contains a navigation menu with categories like "LEARN", "COLLABORATE & COMMUNICATION", and "ASSIGNMENTS, QUIZZES AND EVALUATIONS".

Home

Learn <p>Ready to take your first step! Get to know about the courses offered</p> <hr/> <ul style="list-style-type: none">CoursesVirtual Classroom	Collaborate & Communication <p>Have a topic to discuss!</p> <hr/> <ul style="list-style-type: none">Notification & InboxDiscussion ForumSwayam	Report Card <p>Your Achievements</p> <hr/> <ul style="list-style-type: none">Progress Report
Your University Enrollment <p>View your enrollment details here</p> <hr/> <ul style="list-style-type: none">Enrollment DetailCurrent Contact DetailsGrade Cards & Certificates	Assignments, Quizzes and Evaluations <p>Organize your schedule for upcoming assessments</p> <hr/> <ul style="list-style-type: none">Internal AssessmentExternal Exam	Fee Schedule & History <p>Payment Processing</p> <hr/> <ul style="list-style-type: none">Online Fee Payment Gateway

Step 2 – Click on “Programming in C Lab”.

The screenshot shows a user interface for 'My Courses'. At the top left, there is a header 'My Courses' and a breadcrumb 'Dashboard / My Courses'. A blue button labeled 'REFRESH COURSES' is located in the top right corner. The main area contains eight course cards arranged in a 2x4 grid. Each card has a colored header on the left and a white body on the right. The 'Programming in C Lab' card is highlighted in orange.

Course Name	Preview Text
Demo	Demo
Demo-Computer Applications	Demo
IT Lab	The IT Lab course is a hands-on practical...
Programming in C Lab	Programming in C Lab is a...
Introduction to Operating System	The "Operating System" cours...
Fundamentals of Computers	Fundamentals of Computers...
Foundation Mathematics -I	"Foundation Mathematics" is...
Programming in C	The "C Programming"...

Step 3 – Student needs to click on **Programming in C Lab – IA.**

[Collapse all](#)



FORUM
[Announcements](#)

➤ [Syllabus](#)

▼ [Programming in C Lab](#)



VIRTUAL PROGRAMMING LAB
[Programming in C Lab-IA](#)

Mark as done

▼ [C Programming Lab \[OMCC105\]](#)

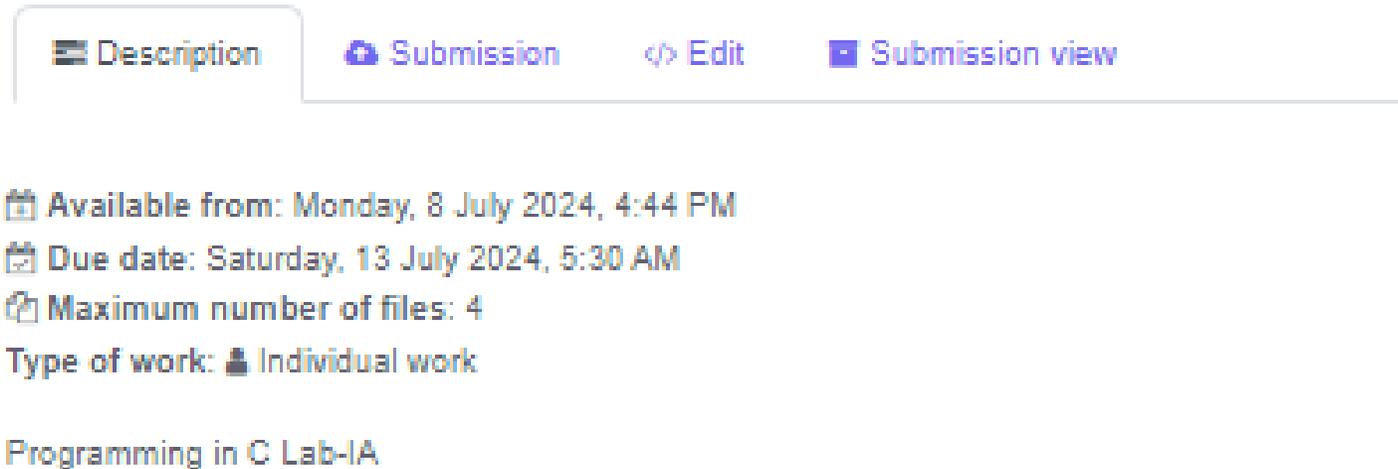
➤ [C Programming Lab \[OMCC105\]_Lab Manual](#)

After clicking on “Programming in C Lab – IA” tab, student will be able to see the dates for the Lab under the Description Tab.

- 1) Available Date – Start Date of which 9th July,2024
- 2) Submission Due Date – Last Date is 13th July,2024
- 3) Maximum Number of Files - Maximum number of files will always be 4 as student needs to attempt 4 questions.
- 4) C Language program Online Compiler <https://www.programiz.com/c-programming/online-compiler/>

(It is mandatory to attempt 2 questions from each part - Part A and Part B)

Questions are being given to the student in the syllabus file. (Screenshot for the reference is given on next page).



[Description](#) [Submission](#) [Edit](#) [Submission view](#)

 Available from: Monday, 8 July 2024, 4:44 PM

 Due date: Saturday, 13 July 2024, 5:30 AM

 Maximum number of files: 4

Type of work:  Individual work

Programming in C Lab-IA



1



2

Credits	2	Total Marks	100
		Exam Hours	3
Examination nature (SEE)	Practical		
Part A:			
<ol style="list-style-type: none">1. Program to read radius of a circle and to find area and circumference2. Program to read three numbers and find the biggest of three3. Program to demonstrate library functions in math.h4. Program to check for prime5. Program to generate n primes6. Program to read a number, find the sum of the digits, reverse the number and check it for palindrome7. Program to read percentage of marks and to display appropriate message (Demonstration of else-if)8. Program to find the roots of quadratic equation (demonstration of switch Case statement)9. Program to remove Duplicate Element in a single dimensional Array			
Part B:			
<ol style="list-style-type: none">1. Program to find the length of a string without using built in function2. Program to demonstrate string functions.3. Program to demonstrate pointers in C4. Program to read, display and to find the trace of a square matrix5. Program to read, display and add two m x n matrices using functions6. Program to read, display and multiply two m x n matrices using functions7. Program to read a string and to find the number of alphabets, digits, vowels, consonants, spaces and special characters.8. Program to Reverse a String using Pointer9. Program to Swap Two Numbers using Pointers10. Program to demonstrate student structure to read & display records of n students.			

Step 4 – After that student needs to click on submission tab and the below page will appear.

After that student needs to click on Choose File.

The screenshot shows a web interface for a submission. At the top, there is a breadcrumb trail: "Programming in C Lab / Programming in C Lab-IA". Below this is a logo for "VIRTUAL PROGRAMMING LAB" and the title "Programming in C Lab-IA". There are four tabs: "Description", "Submission" (which is active), "Edit", and "Submission view".

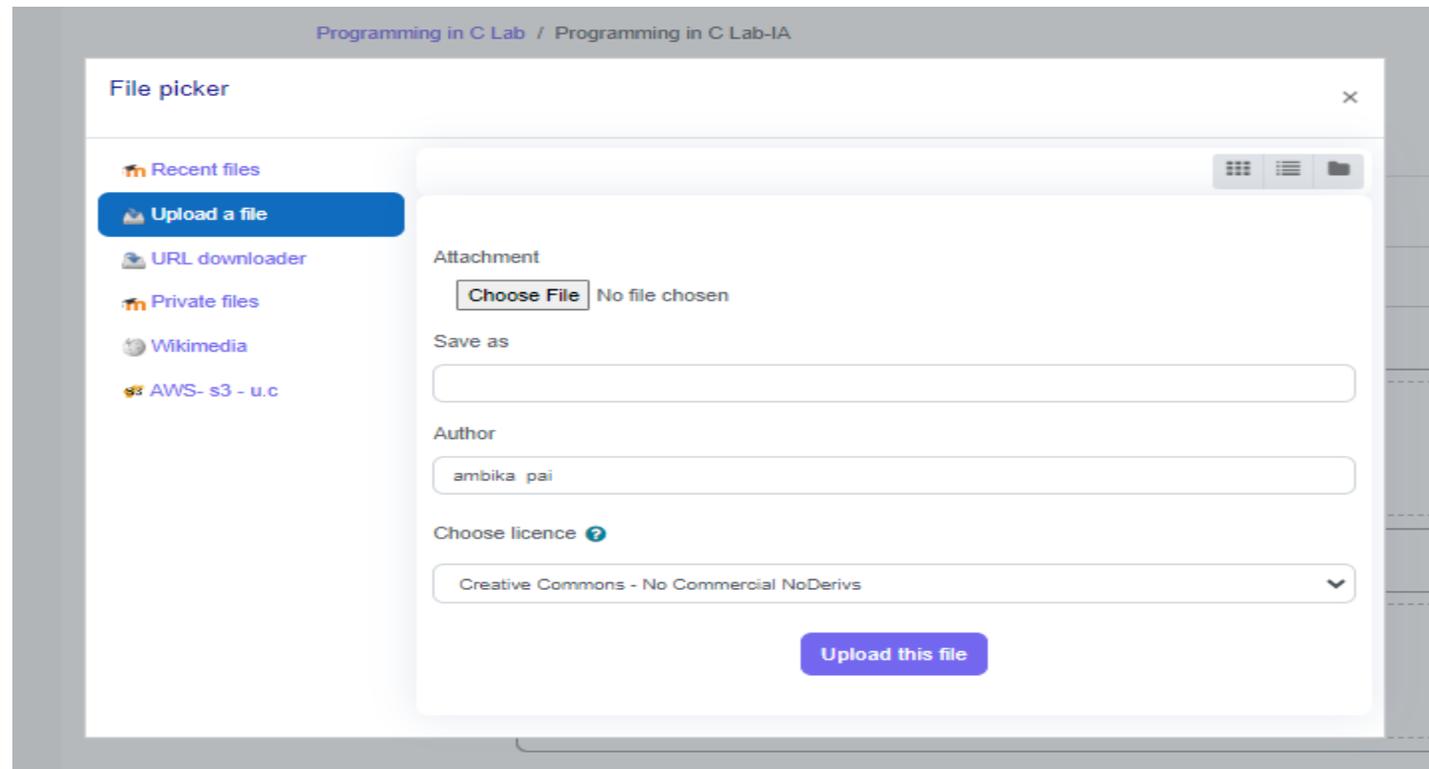
Under the "Submission" tab, there is a section titled "Submission" with a dropdown arrow. Below this is a "Comments" text area. There are four "Any file" upload sections. Each section has a "Choose a file..." button and a note: "Maximum size for new files: 80 MB". Below each button is a dashed box containing a downward arrow icon and the text: "You can drag and drop files here to add them."

At the bottom of the page, there are two buttons: "Submit" and "Cancel".

Step 5 – After that student needs to click on **Choose File** and then **Upload the file**.

Please Note –

- Student can perform the program in any online compiler and can save it.
- Student can only upload “*.c” file i.e., Text Document.
- For Each Question separate Text document needs to be saved and to be uploaded.
- Question and Question number both should be mentioned on the top of the document before the answer is being written.



Step 6 – After uploading student can click on edit button and can see the questions submitted and can edit the question(if needed).

Note –

- Once the files are being uploaded, it cannot be deleted. So, please take sure before uploading the files, files are being rechecked properly.
- Student don't need to run the program in the compiler given on the student page.



Student can click on “**Submission View**” tab to see the uploaded files.



VPL VIRTUAL PROGRAMMING LAB
Programming in C Lab-IA

[Description](#) [Submission](#) [</> Edit](#) **[Submission view](#)**

Submitted on Monday, 8 July 2024, 5:00 PM ([Download](#)) ([Evaluate](#))
Automatic evaluation [\[-\]](#)

Proposed grade: 0 / 100

Compilation [\[-\]](#)
To run this type of program you need some file with extension ".c"

Comments [\[-\]](#)
-The compilation or preparation of execution has failed

Answer1.txt

```
1 #include <stdio.h>
2
3 int main() {
4     printf("Hello, World!\n");
5     return 0;
6 }
```

Answer2.txt

```
1 #include <stdio.h>
2
3 int main() {
4     printf("Hello, World!\n");
5     return 0;
6 }
```