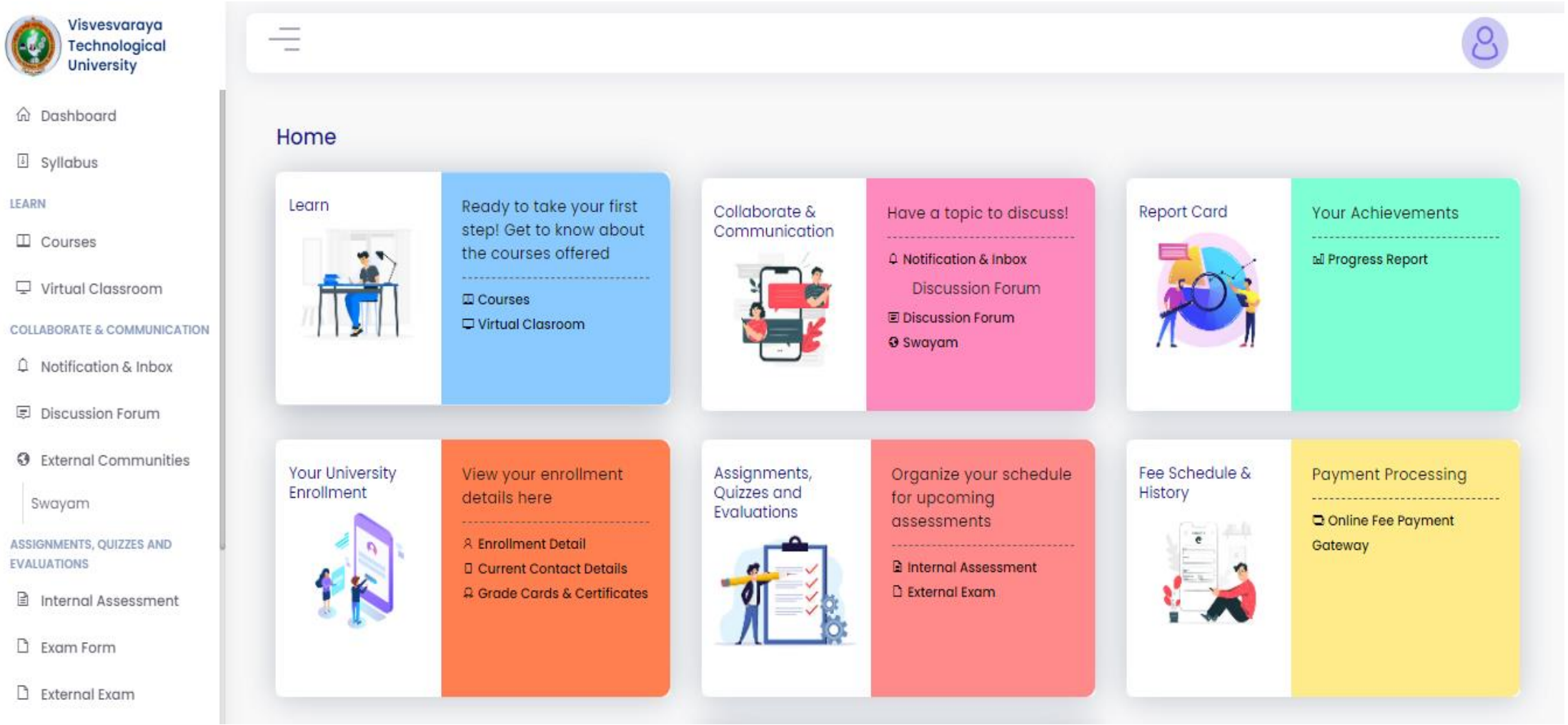
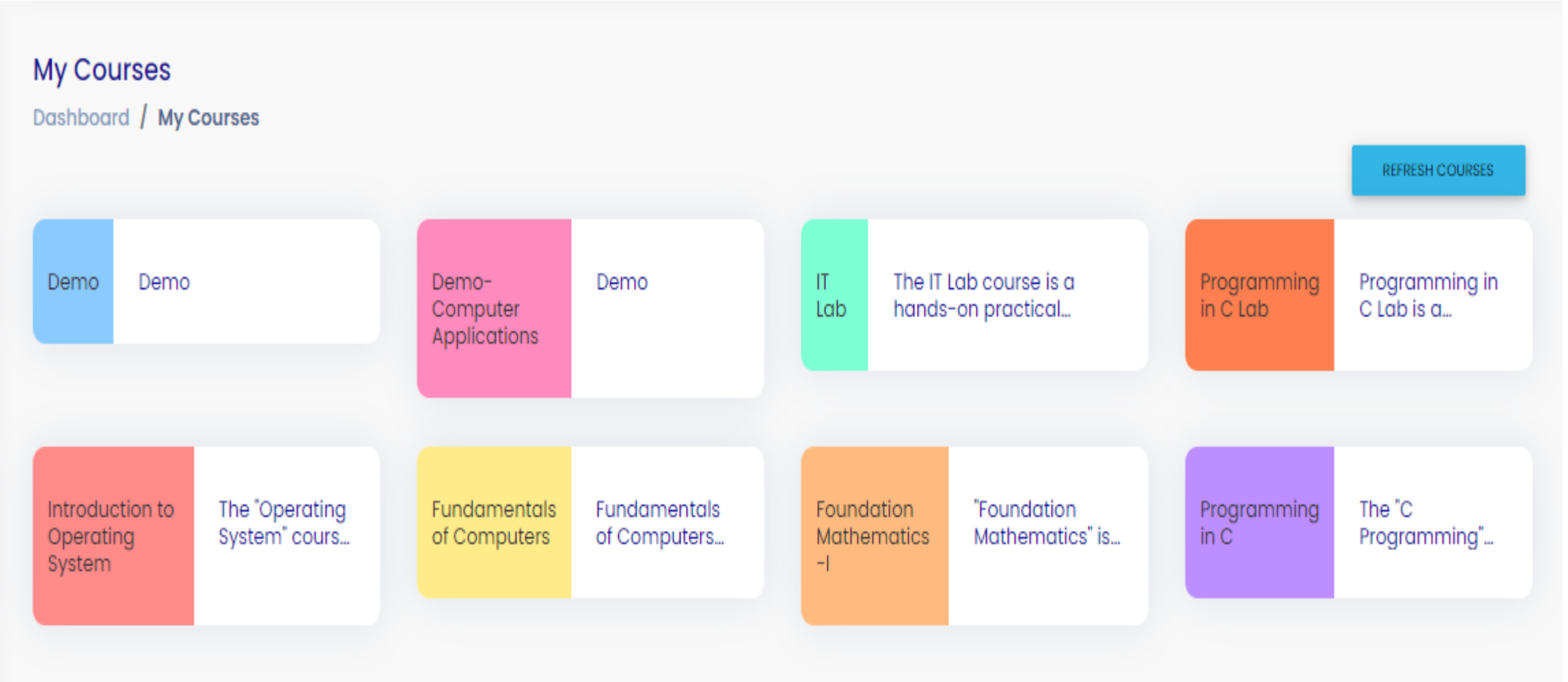
Steps to take C Programming Lab-IA

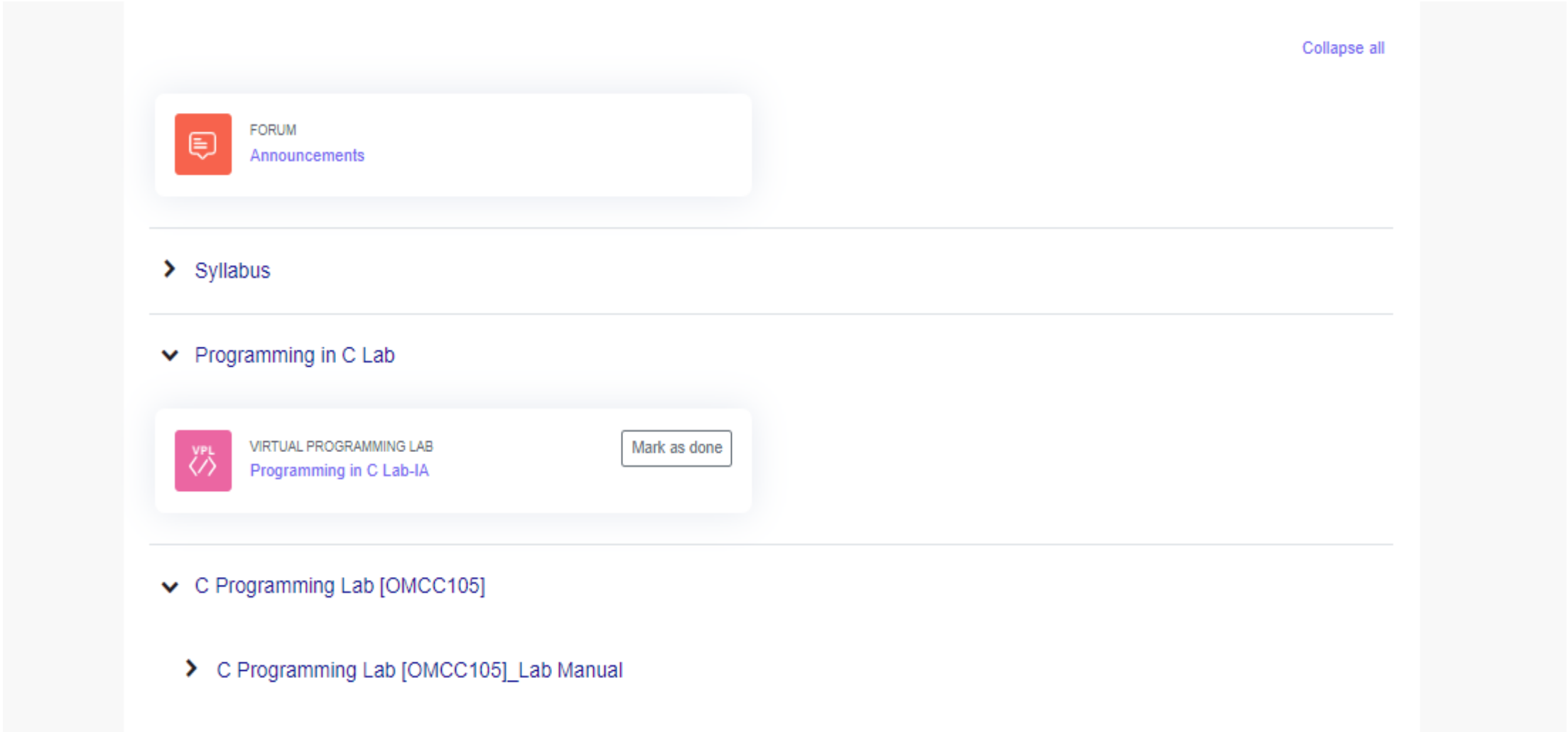
Step 1 – Student needs to login in their portal and then needs to click on **“Courses Tab”.**



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



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

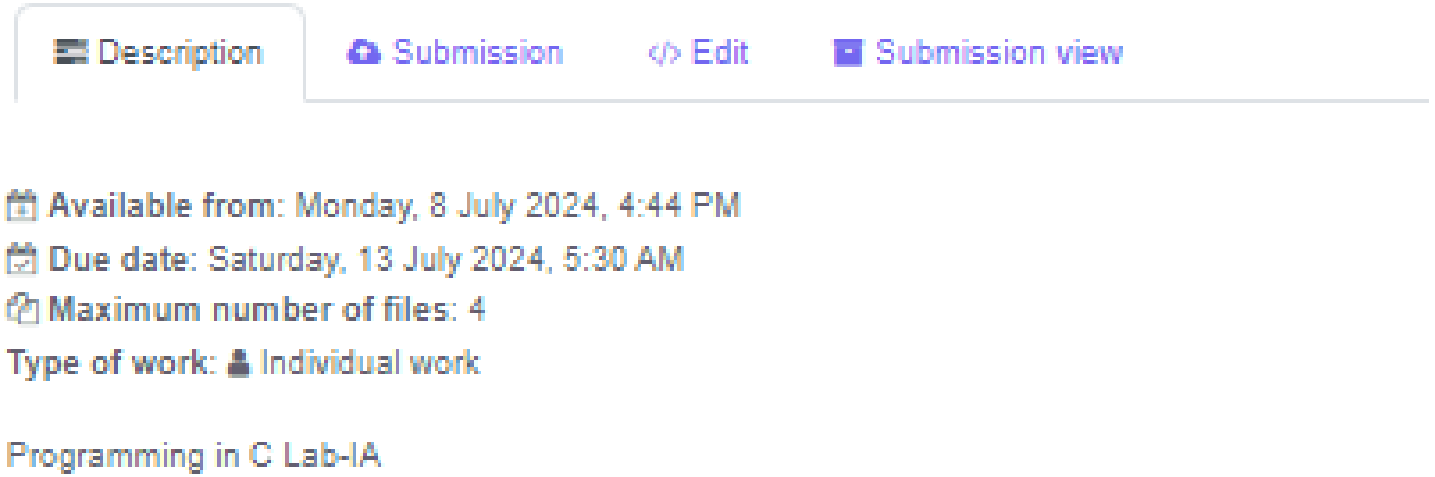


After clicking on “Programming in C Lab – IA” tab, student will be able to see the dates for the Lab under the Description Tab.

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).



1

2

Credits	**2**	**Total Marks**	**100**
		Exam Hours	**3**
Examination nature (SEE)	**Practical**		

Part A:

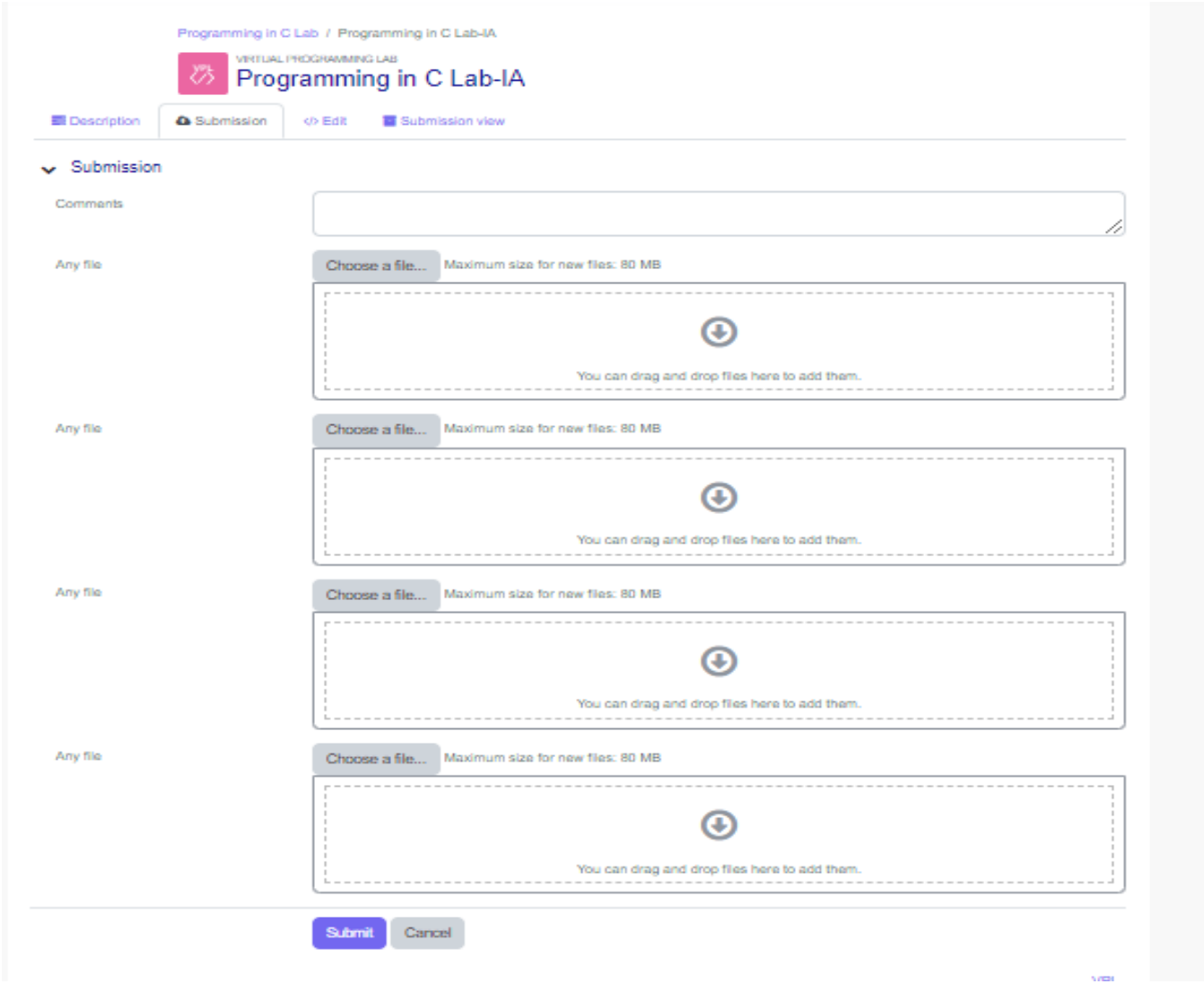
1. Program to read radius of a circle and to find area and circumference
2. Program to read three numbers and find the biggest of three
3. Program to demonstrate library functions in math.h
4. Program to check for prime
5. Program to generate n primes
6. Program to read a number, find the sum of the digits, reverse the number and check it for palindrome
7. 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:

1. Program to find the length of a string without using built in function
2. Program to demonstrate string functions.
3. Program to demonstrate pointers in C
4. Program to read, display and to find the trace of a square matrix
5. Program to read, display and add two m x n matrices using functions
6. Program to read, display and multiply two m x n matrices using functions
7. 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 Pointer
9. Program to Swap Two Numbers using Pointers
10. 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.

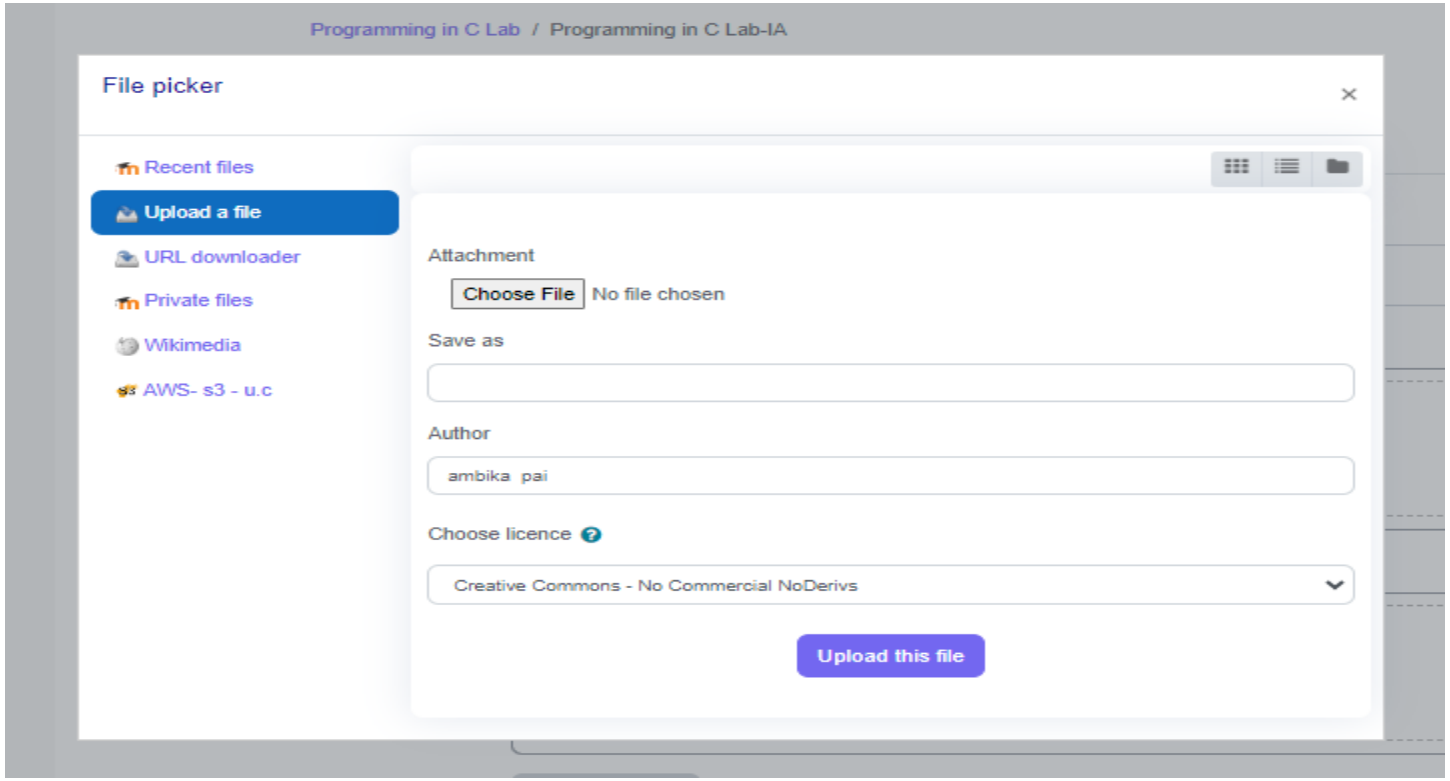
After that student needs to click on Choose File.



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.