

# PRACTICAL FILE

**Computer Science**

**Subject Code: 083**

**Class 12**

**Session: 2024 – 25**

**SCHOOL  
LOGO**

**SCHOOL NAME AND ADDRESS**

**STUDENT'S DETAIL**

Roll No.: [Roll Number]

Name of Student: [Student Name]

Class: Computer Science

Subject: Computer Science (083)

School: [School Name]

# CERTIFICATE

SCHOOL  
LOGO

This is to certify that **[Name of Student]**, a student of Class 12, Section - \_\_\_\_ of **[School Name]** has successfully completed and submitted the practical file of Computer Science (083) as per the guidelines provided by CBSE in the prescribed curriculum for academic year 2024-25 for accomplishment of Senior School Certificate Examination - 2025.

The practical file has been evaluated and found correct in accordance with the guidelines provided by the board- for Academic year 2024-25. The work has been completed and presented in a satisfactory manner.

**No. of practicals certified are:24**

**Internal Examiner**

**External Examiner**

**School Stamp**

**Principal**

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Sr. No.	Assignment	Date	Sign.
<b>Part A – Python Programs</b>			
<b>Python Revision Tour</b>			
1.	List Menu Driven Program	07/04/2024	
2.	Dictionary Menu Driven Program	22/04/2024	
<b>Working with Functions</b>			
3.	Using a function to display prime numbers between m & n.	13/06/2024	
4.	Using a function calculate interest using various arguments.	18/06/2024	
5.	Using a function find a largest element in a list. Pass list object as argument.	26/06/2024	
6.	Using a function count the number of vowels in passed string.	04/07/2024	
<b>Exception Handling</b>			
7.	Take two integers and perform addition of two numbers handle exception when non-integers entered by user	15/07/2024	
8.	Find the square root of a positive number, raise a custom exception when user enters a negative number	18/07/2024	
<b>File handling</b>			
9.	Find and replace a word in a text file	23/07/2024	
10.	Menu driven program for binary file to insert, update, delete and display records	06/08/2024	
11.	Menu driven program for csv file to insert, update and delete records	23/08/2024	
12.	Search record in binary file using user defined condition	28/08/2024	
13.	Search record in csv file using user defined condition	29/08/2024	
<b>Data Structure - Stack</b>			
14.	Menu driven program for stack operations	07/09/2024	
15.	Searching data from dictionary and transfer keys into stack then performing push operations	10/09/2024	

Sr. No.	Assignment	Date	Sign.
<b>Part B – MySQL Queries</b>			
16.	Set 1 – Based on Database Basic Commands	01/10/2024	
17.	Set 2 – Based on DDL Commands	04/10/2024	
18.	Set 3 – Select Queries including order by	09/10/2024	
19.	Set 4 – Group by, having and Aggregate Functions	14/10/2024	
20.	Set 5 – Join Queries	17/10/2024	
<b>Part C – Python Database Connectivity</b>			
21.	Insert record in a database table	12/11/2024	
22.	Update a record in a database table	14/11/2024	
23.	Delete a record in a database table	18/11/2024	
24.	Display records using queries from database table	20/11/2024	