Internships Daily Diary (2025-26)

Week No: 2	Day: Thursday	Date: 12-6-2025

Today, I learned class, module & constructor also. I learned how to create class & object by using his syntax & some programs with parameter & without passing parameters. The program of even-odd numbers, sum of numbers without parameter & by passing parameters

Also about constructor I learned parameterized constructor & using parameterized constructor & normal constructor I run some programs. After that I learned module & calling specific class from code In module & done some programs of it.

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Internships Daily Diary (2025-26)

Week No: Q	Day: Wednesday	Date: 11-6-2025

Today, I learned about diction-ary which data store in key value pairs, & key must be unique. I learned how to access dictionary's key & values & some methods are len(), accessing value by get(), in, not in, updating dictionary using update, insert, remove key, value by pop(), popitem(), del(), clear(), accessing items in dictionary by item(), copy dictionary by copy().

After theory I run some basic programs like checking key present or not using in & not in, accessing key & value seperate, accessing key & values using for loop, accessing only values using for loop etc.

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Internships Daily Diary (2025-26)

Week No: 2	Day: Tuesday	Date: 10-6-2025

Today, I learned List & it's methods. I Also learned how to print different data types of List like string, float, integer & checking list type using type () method.

I learned some list methods are len () use to calculate length of list, printing list by giving range, insert(), append (), extend (), remove (), pop(), delete (), clear (), printing list using for loop, reverse (), sort () & concating list etc.

After theory I run some basic program using above methods the programs like printing each element in list with index using while & for loop etc.

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Internships Daily Diary (2025-26)

Week No: 2

Day: Monday   Date: 9-6-2025

Today I learned about String, Array & methods of String & Array. I learned methods of strings like length (len()) used to calculate length of string, in, not in, range, lower(), upper() used to change case of word, remove white spaces using strip(), split() it convert string, array in seperate, string concatination merging two string using '+' operator.

After theory part I run some programs using string methods the simple programs like calculating 'a' character in given string, printing seperate characters in string, calculating index of characters etc.

Internships Daily Diary(2025-26)
Department of Computer Engineering

Program Code :CO5K

Name of the Student : Rajeshwari Uttam kumbhar

Name of the Mentor (Faculty) : Miss S.M. V. Mativade

Name of the Mentor (Industry): Mr. Abhijit P. Gatade

Enrollment Number : 23213500243

Week	Day & Date	Discussion Topics/Activity	Details of Work Allotted Till Next Session /Corrections Suggested/Faculty Remarks	Signature of Industry Mentor
Week	Mon, Date 9-6-2025	* String * Array * Programs	string, array, methods of string & array & some codes	
	Tue, Date 10-6-2025	* List * Programs	List, methods of list, programs using list & list's methods	
	Wed, Date 11-6-2025	* Dictionary * Programs	Dictionary, accessing keys & values, methods, seperating values	
	Thu, Date 12-6-2025	* class * constructor * module	class, parameterized constructor, module & programs	
	Fri, Date 13-6-2025	* Python file * Exception handling	file handling, open file, write file, create, Delete, try, finally exception	

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Internships Daily Diary (2025-26)

Week No: for 2   **Day:** friday   **Date:** 13-6-2025

Today, I learned python file &
Exception handling. In Python file I
learned file handling 'r' = read, 'a' =
append, 'w' = write, 'x' = create &
the key function that is open () function.
Also I learned about python file is
open file, that read content from file
using file name & how to write &
create file, Delete file this method
remove the file.

In Exception handling I learned
try & finally I learned how to use
it & where use it. If we have err-
or in try or don't have error in try
it doesn't matter the finally block
with condition will execute. After all
theory I run some basic programs of
Exception handling.

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