

Module 2: Data Handling and Functions

Assignment

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Question Statement 1

1. Write a program to accept 5 employee IDs and the corresponding names and their salaries from the user and store them in three arrays. Pass these arrays to a function `display()` as arguments. This `display()` will display the content of the arrays in the following format.

ID	Name	Salary
00	John	600000
002	Clark	550000
003	Nancy	500000
004	Joe	500000
005	Mary	300000

Question Statement 2

2. Write another function `display()` with Employee ID array and Employee name array as arguments. (Note: here we are using concept of function overloading). This function will display the content of the 2 arrays in the following format.

ID	Name
00	John
002	Clark
003	Nancy
004	Joe
005	Mary

Question Statement 3

3. Write another function named `display()` which takes 4 arguments. The arguments are named as String and 3 arrays (Employee id, name and salary). Function prototype looks like:

`display (String name, int regno[], String Empname[], double salary[]).`

This function will search for the name in the `Empname` array and will display its corresponding id and salary in the below given format. For example, if Divya is given as the name to search then `display ()` function will display the following record.

ID	Name	Salary
00	John	600000

Note: `main()` should have the following steps:

- Declaring the arrays.
- Accepting data for the arrays.
- Calling the 2 `display()` functions which takes 3 and 2 arguments.
- Accept a user name to search in the array and display the record by calling the `display()` function which takes 4 arguments.