Task Report:

1. Task Description

- This task involves working with structured NumPy arrays to represent staff data with attributes such as `staffID`, `FullName`, `YearsOld`, and `Pay`.
- Key operations include:
- 1. Printing the full staff data array.
- 2. Extracting and displaying the names of all staff members.
- 3. Displaying the pay of staff members who are older than 30.
- 4. Updating the pay of a specific staff member and printing the updated array.

2. Task Output Screenshot

3. Widget/Algorithm Used In Task

• NumPy Structured Arrays:

- The task leverages structured NumPy arrays to manage and manipulate tabular data efficiently.
- Conditional filtering is applied to extract rows where staff members meet certain conditions (e.g., age greater than 30).
- Array element modification is demonstrated by increasing the pay of the first staff member.