

Explanation of Each Functionality:

3. Reshaping:

- **Function Used:** reshape
- **Purpose:** Reshaping changes the shape of an array without altering its data.

2. Concatenation:

- **Function Used:** concatenate
- **Purpose:** Concatenation joins two or more arrays along an existing axis.

3. Splitting:

- **Function Used:** split
- **Purpose:** Splitting divides an array into multiple sub-arrays.

Horizontal Splitting (hsplit):

- **Function Used:** hsplit
- **Purpose:** Horizontal splitting splits an array into multiple sub-arrays along the horizontal axis.