

1. Insert
2. Delete
3. Display
4. Exit

Enter your choice: 1

Enter value to insert: 5

1. Insert
2. Delete
3. Display
4. Exit

Enter your choice: 4

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

```
1. Move X
2. Move Y
3. Move X and Y
4. Display
5. Exit
Enter your choice: 1
Enter value to move in X: 7
```

```
1. Move X
2. Move Y
3. Move X and Y
4. Display
5. Exit
Enter your choice: 4
Point: (7, 0)
```

```
1. Move X
2. Move Y
3. Move X and Y
4. Display
5. Exit
Enter your choice: 5
```

```
Name: ANSH RABARI
ID: 24CE100
```

```
=== Code Execution Successful ===
```

```
Enter size of first sorted array: 2
Enter elements of first sorted array:
1
7
Enter size of second sorted array: 3
Enter elements of second sorted array:
8
4
2
Merged Sorted Array: 1 7 8 4 2
```

```
Name: ANSH RABARI
ID: 24CE100
```

```
=== Code Execution Successful ===
```

```
Base constructor called
Derived constructor called (memory allocated)
Derived destructor called (memory deallocated)
Base destructor called
```

```
Name: ANSH RABARI
ID: 24CE100
```

```
=== Code Execution Successful ===
```

ERROR!

Error: Could not open the file.

Name: ANSH RABARI

ID: 24CE100

=== Code Exited With Errors ===

```
Enter number of students: 2
Enter name, marks and tuition fee for student 1: ansh
80
15000
Enter name, marks and tuition fee for student 2: mihir
60
18000
```

Name	Marks	Tuition Fee
ansh	80	₹15000.00
mihir	60	₹18000.00

```
Name: ANSH RABARI
ID: 24CE100
```

```
=== Code Execution Successful ===
```

Enter number of elements: 3

Enter the sequence of numbers: 4253

8965

123

Reversed using std::reverse(): 123 8965 4253

Reversed using iterators: 123 8965 4253

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

Enter a sentence: my name is ansh

Word Frequency Distribution:

ansh: 1

is: 1

my: 1

name: 1

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

Enter number of transaction IDs: 3

Enter the transaction IDs: 140

11

39

Unique Transaction IDs in sorted order:

11 39 140

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

```
Enter number of students: 2
Enter name of student 1: ansh
Enter score of student 1: vijay
Enter name of student 2: Enter score of student 2:
Ranked Students List:
Rank 1: ansh with score 0
Rank 2:  with score 0
```

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

1. Create Folder
2. Add File to Folder
3. Display Directory
4. Exit

Enter choice: 1

Enter folder name: ansh

Folder created.

1. Create Folder
2. Add File to Folder
3. Display Directory
4. Exit

Enter choice: 3

Directory Structure:

ansh:

1. Create Folder
2. Add File to Folder
3. Display Directory
4. Exit

Enter choice: 4

Name: ANSH RABARI

ID: 24CE100

Enter total loan amount: 5000

Enter annual income: 100

Loan-to-Income Ratio: 50

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===

Enter total loan amount: 52000

Enter annual income: 40000

Loan-to-Income Ratio: 1.3

Name: ANSH RABARI

ID: 24CE100

=== Code Execution Successful ===