



Inserting node with student id: 77
Binary Search Tree:

1. M
Press enter to continue...



Inserting node with student id: 87
Binary Search Tree:

1. M
 2. W
Press enter to continue...



Inserting node with student id: 69
Binary Search Tree:

1. M
 2. E
 2. W
Press enter to continue...



Inserting node with student id: 79
Binary Search Tree:

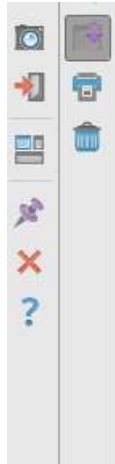
1. M
 2. E
 2. W
 3. O
Press enter to continue...



Inserting node with student id: 81
rotating left...
Tree rotated left!
rotating right...
Tree rotated right!
Tree balanced left!
Binary Search Tree:

```
1. M
   2. E
   2. Q
      3. O
      3. W
```

Press enter to continue...



Inserting node with student id: 73
Binary Search Tree:

```
1. M
   2. E
      3. I
   2. Q
      3. O
      3. W
```

Press enter to continue...



Inserting node with student id: 84
Binary Search Tree:

```
1. M
   2. E
      3. I
   2. Q
      3. O
      3. W
         4. T
```

Press enter to continue...



Inserting node with student id: 71
rotating right...

Tree rotated right!

rotating left...

Tree rotated left!

Tree balanced right!

Binary Search Tree:

```
1. M
   2. G
      3. E
      3. I
   2. Q
      3. O
      3. W
          4. T
```

Press enter to continue...



Inserting node with student id: 80

Binary Search Tree:

```
1. M
   2. G
      3. E
      3. I
   2. Q
      3. O
          4. P
      3. W
          4. T
```

Press enter to continue...

Inserting node with student id: 75
Binary Search Tree:

```
1. M
   2. G
      3. E
      3. I
         4. K
   2. Q
      3. O
         4. P
      3. W
         4. T
```

Press enter to continue...

BST has been populated successfully.

Process finished with exit code 0

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