```
3.pre
4.post
5.in
6.exit
enter the choice
1
enter the item
10
I
1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
1
enter the item
5

1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
```

```
5.in
6.exit
enter the choice
2
    10
10
    5


1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
3
10
5
10


1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
```

```
4
5
10
10


1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
5
5
10
10


1.insert
2.display
3.pre
4.post
5.in
6.exit
enter the choice
6
```

...Program finished with exit code 0