

```
PS F:\Labs\1BM18CS025_ADS\Week 6> g++ .\btree.cpp
```

```
PS F:\Labs\1BM18CS025_ADS\Week 6> .\a.exe
```

```
Enter the degree of the B-Tree: 3
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 12
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 20
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 5
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 6
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 12
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 30
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 7
```

```
Hi!
```

```
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
```

```
Your choice? 1
```

```
Enter a value to insert: 17
```

```
Hi!
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
Your choice?      2
The tree is:
 5 6 7 12 12 17 20 30Hi!
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
Your choice?      3
Enter the value to search:      30

PresentHi!
1 : Insert a value
2 : Display the tree
3 : Search for a value
4 : Exit
Your choice?      4
PS F:\Labs\IBM18CS025_ADS\Week 6>
```