4 Examples of the code running correctly

```
PS C:\Users\Zkurdi\Desktop\University-Projects\test> g++ -c asn2.cpp
PS C:\Users\Zkurdi\Desktop\University-Projects\test> g++ -c implementation.cpp
PS C:\Users\Zkurdi\Desktop\University-Projects\test> g++ -o test asn2.o implementation.o
PS C:\Users\Zkurdi\Desktop\University-Projects\test> ./test
Min element: 6
Max element: 87
What element would you like to insert 10
After inserting 10, Min: 6, Max: 87
After deleteMin, Min: 10
After deleteMax, Max: 81
Final heap: 10 81 80 12 17 13 31 59 25 79 20 71 78 48 42 31 14 16 24 52 63 18 19 28 32 15
```

```
Min element: 6
Max element: 87
What element would you like to insert 84
After inserting 84, Min: 6, Max: 87
After deleteMin, Min: 12
After deleteMax, Max: 84
Final heap: 12 81 84 14 17 13 31 80 25 79 20 71 78 48 42 31 59 16 24 52 63 18 19 28 32 15
```

```
Min element: 6
Max element: 87
What element would you like to insert 20
After inserting 20, Min: 6, Max: 87
After deleteMin, Min: 12
After deleteMax, Max: 81
Final heap: 12 81 80 14 17 13 20 59 25 79 20 71 78 48 42 31 31 16 24 52 63 18 19 28 32 15
```

```
Min element: 6
Max element: 87
What element would you like to insert 50
After inserting 50, Min: 6, Max: 87
After deleteMin, Min: 12
After deleteMax, Max: 81
Final heap: 12 81 80 14 17 13 31 59 25 79 20 71 78 48 42 31 50 16 24 52 63 18 19 28 32 15
```