Name: <u>Jessica Spokoyny</u> Question#: <u>1</u>

```
                        ┌────┐
                        │ 50 │
                        └────┘
                       /        \
                ┌────┐            ┌────┐
                │ 10 │            │ 90 │
                └────┘            └────┘
               /      \          /       \
        ┌────┐   ┌────┐   ┌────┐           ┌────┐
        │    │   │ 14 │   │ 71 │           │    │
        └────┘   └────┘   └────┘           └────┘
        /    \   /    \   /    \          /      \
  ┌────┐ ┌────┐ ┌────┐ ┌────┐ ┌────┐ ┌────┐ ┌────┐ ┌────┐
  │    │ │    │ │    │ │ 40 │ │    │ │    │ │    │ │    │
  └────┘ └────┘ └────┘ └────┘ └────┘ └────┘ └────┘ └────┘
                       /    \
                  ┌────┐ ┌────┐
                  │ 30 │ │ 42 │
                  └────┘ └────┘
```
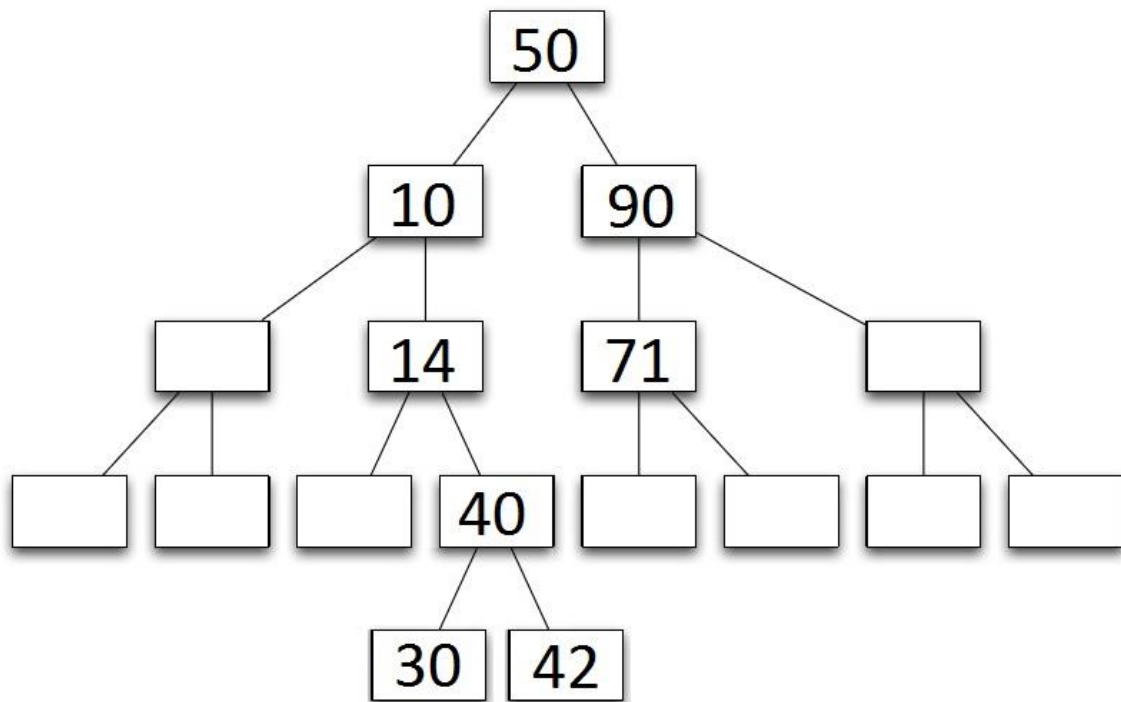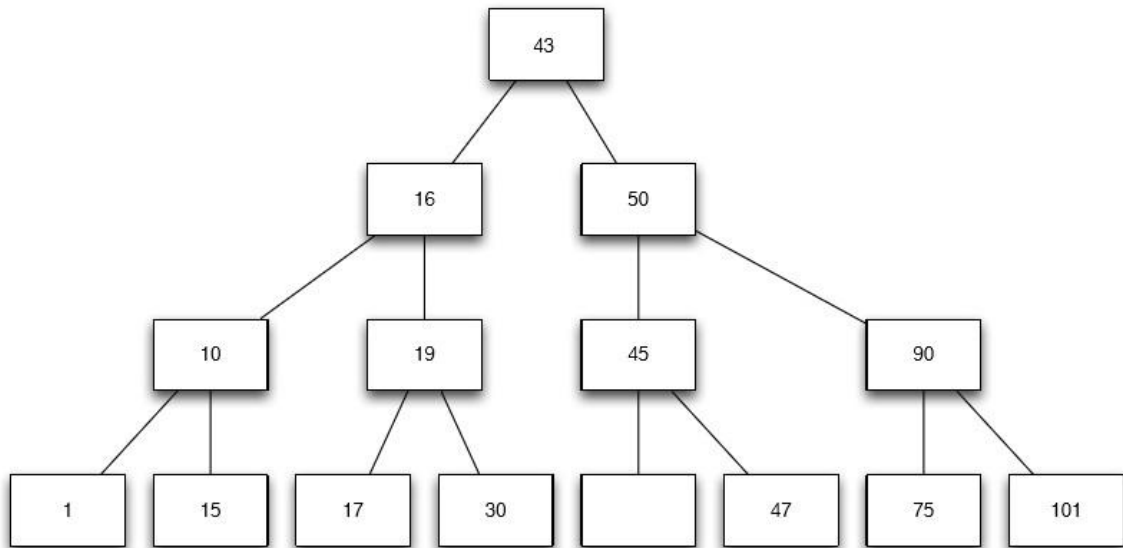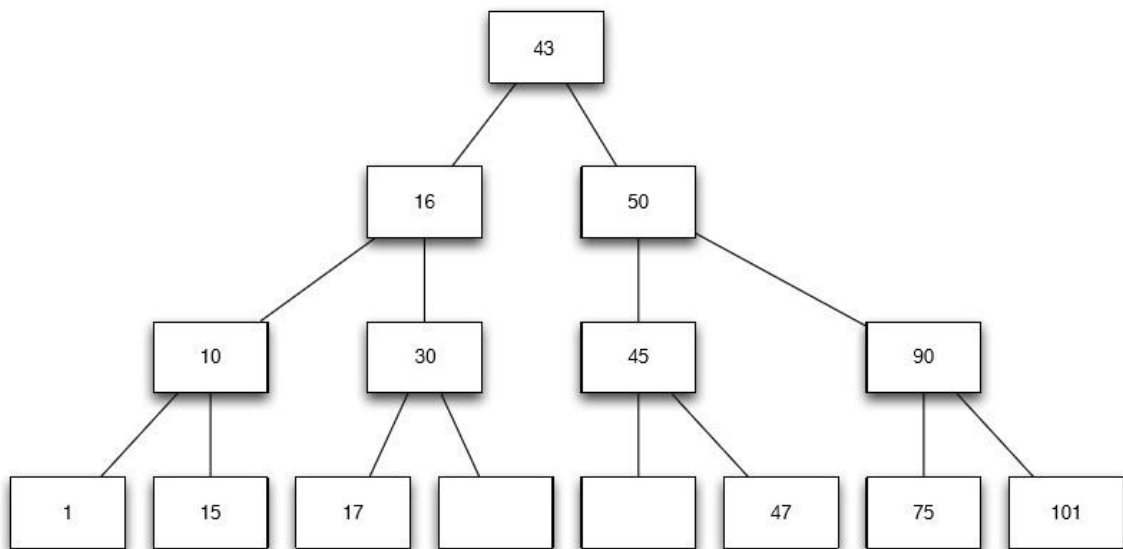
Question # 2

The order should be 4, 2, 6, 1, 3, 5, 7

Name: Jessica Spokoyny   Question#: 3A

```
                              43
                  _____
                 16                       50
          _____           _____
         10          19         45                90
       _____      _____    _____          _____
      1     15    17    30  [  ]    47      75        101
```

Name: Jessica Spokoyny   Question#: 3B

```
                              43
                  _____
                 16                       50
          _____           _____
         10          30         45                90
       _____      _____    _____          _____
      1     15    17  [  ]  [  ]    47      75        101
```

does it live in the water?

Yes — No

is it a mammal?

does it climb trees?

Yes — No

Yes — No

whale

sea turtle

cat

does it eat space marines?

Yes   No

zergling

dog