

Solution 1 Solution 2 Solution 3

```
1 public class Program {
2     public static int NumberOfBinaryTreeTopologies(int n) {
3         // Write your code here.
4         return -1;
5     }
6 }
7
```

Submit Code

```
10  # Write down the first 1000 values of the sequence in a list
11  x = []
12
13  # Loop
14  for i in range(1000):
15      # Write down the first 1000 values of the sequence in a list
16      x.append(x[i-1]*2+1)
17
18  # Print the list
19  print(x)
```

Run or submit code when you're ready.