


1. Print an increasing-decreasing sequence using recursion

recursion 1 >  assignment1.cpp > ...

```
1  #include<iostream>
2  using namespace std;
3  void print(int x,int n){
4      if(x>n) return;
5      if(x%2!=0) cout<<x<<" ";
6      print(x+1,n);
7  }
8  int main(){
9      int a;
10     cout<<"enter the a: ";
11     cin>>a;
12     int b;
13     cout<<"enter the b: ";
14     cin>>b;
15     print(a,b);
16 }
```

3. Given a positive integer, return true if it is a power of 2" using recursion.

Leetcode :- 231

C++   Auto

```
1  class Solution {  
2  public:  
3      bool isPowerOfTwo(int n) {  
4          if(n==1) return true;  
5          if(n==0 || n%2!=0) return false;  
6          return isPowerOfTwo(n/2);  
7      }  
8  };
```