```
1. int gcd(int x, int y)
             int temp;
             while(y!=0)
                    if(x>=y && x!= 0)
                           temp = x;
                           x=y;
                           y=temp % y;
             return x;
      }
<u>Answer</u>
1 + log(n) (1+1+1+1)
1 + \log(n) (4)
1 + 4\log(n)
0 (Log(n))
   2. int hanoi(int n)
             while(n!=1)
                    if(n>1)
                           return 2*hanoi(n-1)+1;
             return 1;
      }
Answer
Log(n) (1 + 1)
Log(n) (2)
2log(n)
```

0 (log(n))