* #include<iostream>
* #include<math.h>
* #include<bits/stdc++.h>
* using namespace std;
* int main()
* {int t,n,sum,str[1000],i,j,temp,s;
* cin>>t;
* for(i=0;i<t;i++)
* { cin>>n;
* temp=n;
* str[i]=0;
* sum=0;
* while(sum<n)
* {j=0;
* while(([pow](http://www.opengroup.org/onlinepubs/009695399/functions/pow.html)(2,j))<=temp)
* {if([pow](http://www.opengroup.org/onlinepubs/009695399/functions/pow.html)(2,j)<=2048)
* s=[pow](http://www.opengroup.org/onlinepubs/009695399/functions/pow.html)(2,j);
* else
* s=2048;
* j++;
* }
* sum=sum+s;
* str[i]=str[i]+1;
* temp=temp-s;
* }
* }
* for(int k=0;k<t;k++)
* {cout<<"**\n**"<<str[k];
* }
* return 0;
* }