You must realize computations presented in my Google drive:
https://docs.google.com/spreadsheets/d/1ZVSZMGheC2RCZIpJr8XltwvmKe1I6Zwh/edit?usp=sharing&ouid=111502255533491874828&rtpof=true&sd=true


```
% Finds discrete logarithm value corresponding to
exponent value i
% by total scan of i from start by step until fin
% p - is a strong prime (Public Parameter)
% g - is a generator (Public Parameter)
% def - is a discrete exponent function value
computed by mod_exp(g,i,p)
%      where dl=i is a searchable value of exponent
%
function dl = dlog(p, g, def, start, step, fin)
 dl=0;
 i=start;
 while i<fin
    ee=mod_exp(g,i,p);
    if ee==def
      dl=i;
      return;
    endif
    i+=step;
 endwhile
 disp('Exponent is not found!');
end
```

```
>> i1pi2=5000;
>> def=mod_exp(g,i1pi2,p);
def = 143845522
>> n12=def;
start = 0;
>> step=100
step = 100
>> fin=9900
fin = 9900

>> def=mod_exp(g,5000,p)
def = 143845522
>> dl = dlog(p, g, def, start, step, fin)
dl = 5000
```