```
Lab-3.
                 Tower of hono;
# include < stdio. h>
# include Lte me. h>
 int main ()
 int n;
 clock_t start, end :.
 double time stocken;
 printy (" enter the no. of . disks[h");
scanf (" >d", sn);
int c = TOH (n, (n', 'c', 'B');
 print ("In");
 printy ("Total no. q. mory = xd | ", c);
  Settod = slock()-t;
  double time-taken = cdouble) (stant-end)/croucs-per-sec;
  painty & " It took " of seconds to execute | n", teme-taken);
return o:
 )
 ent TOH ( ent n, chae source, chae temp, chae dubnation)
  int count;
  4 cn 20)
   3
  count = TOH CM, Source, temp, detunation);
  Plunty (" more disk 2d from 25c to 2011", n, feet dutination
  count ++;
    is ( ) count + = TOH Ch-1, temp, dutination, source);
     return count;
                                       Scanned with CamScanner
```

Teme complexity; - Tower of honor N=2 N=3 T=0.000172 T=0.000204 N=5 T=0.000343 N=10 T=0.004512 N=150 T=0.149620 N=150 T=0.149620