#include <stdio.h>

int main()

{

int ul=183;

int rs=605;

int s=0,carry[ul],i,j,k,ar[ul];

ar[0]=2;

for(i=1;i<ul;i++)ar[i]=0;

for(j=1;j<rs;j++)

{for(k=0;k<ul;k++)carry[k]=0;

for(i=0;i<ul;i++)

{ar[i]=ar[i]\*2+carry[i];

if(ar[i]>9)

{carry[i+1]=ar[i]/10;

ar[i]=ar[i]%10;

}

}

}

for(j=ul-1;j>=0;j--)printf("%d",ar[j]);

for(i=0;i<ul-1;i++)s+=ar[i];

printf("\n\n%d",s);

}