第一题

#include<stdio.h>

void treetop(char ch){

printf(" %c\n",ch);

printf(" %c%c%c\n",ch,ch,ch);

printf(" %c%c%c%c%c\n",ch,ch,ch,ch,ch);

printf("%c%c%c%c%c%c%c\n",ch,ch,ch,ch,ch,ch,ch);

}

void treetrunk(){

int i=3;

while(i--) printf(" #\n");

}

int main(){

treetop('\*');

treetop('@');

treetrunk();

return 0;

}

第三题

#include<stdio.h>

int fun(double x)

{

double x1,x2,w;

x1=x;

x2=(2.0\*x1+x/(x1\*x1))/3.0;

w=(x2-x1)/x1;

if(w<0)

w=w\*-1;

while(w>=1e-6)

{

x1=x2;

x2=(2\*x1+x/(x1\*x1))/3.0;

w=(x2-x1)/x1;

if(w<0)

w=w\*-1;

}

//printf("%f\n",x2);

int n=x2;

return n;

}

int main(){

double x;

scanf("%lf",&x);

int m;

m=fun(x);

printf("%d",m);

}