#include<stdio.h>

int main()

{

float cr;

int p,p1,i;

float cpu[5];

float cpi,ct,max;

int n=1000;

for(i=0;i<=4;i++)

{

cpu[5]=0;

}

printf("\n enter the number of processors:");

scanf("%d",&p);

p1=p;

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

{

printf("enter the cycles per instruction of processor:");

scanf("%d",&cpi);

printf("enter the clock rate in GHzs:");

scanf("%f",&cr);

ct=1000\*cpi/cr;

printf("the cpu time is: %f:",ct);

cpu[i]=ct;

}

max=cpu[0];

for(i=0;i<p1;i++)

{

if(cpu[i]<=max)

max=cpu[i];

}

printf("the processor has lowest execution time is %f",max);

return 0;

}