#include<stdio.h>

#include<conio.h>

#include<math.h>

void main()

{ float x[10],y[10],sum=0,h,temp;

int i,n,j,k=0,l=0;

float fact(int);

clrscr();

printf("\nhow many record you will be enter: ");

scanf("%d",&n);

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

{

printf("\n\nenter the value of x%d: ",i);

scanf("%f",&x[i]);

printf("\n\nenter the value of f(x%d): ",i);

scanf("%f",&y[i]);

}

h=x[1]-x[0];

n=n-1;

sum = sum + y[0];

for(i=1;i<n;i++)

{

if(k==0 || l==0)

{

sum = sum + 3 \* y[i];

if(k==1)

{

l=1;

}

k=1;

}

else

{

sum = sum + 2 \* y[i];

k=0;

l=0;

}

}

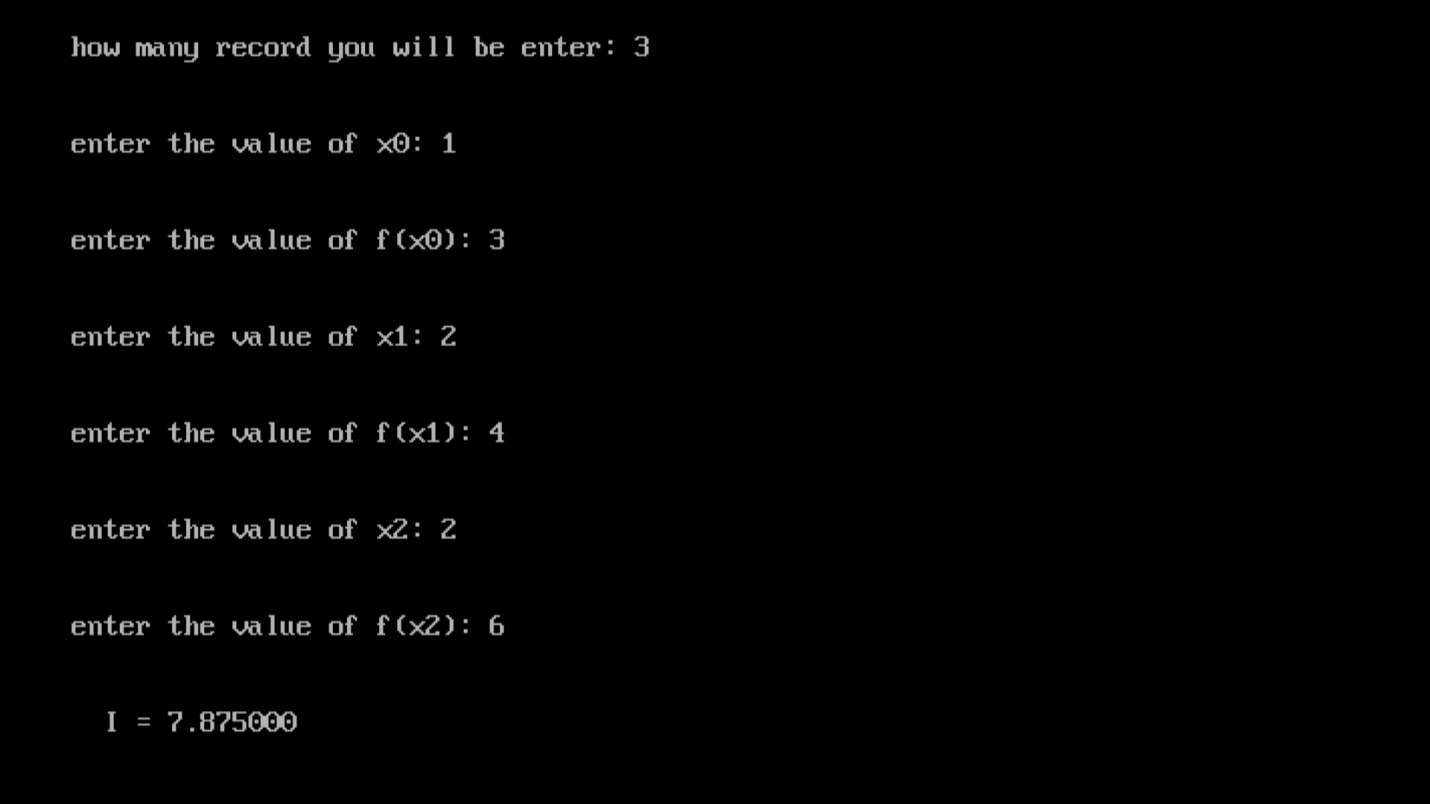
sum = sum + y[i];

sum = sum \* (3\*h/8);

printf("\n\n I = %f ",sum);

getch();

}

****