#include <conio.h>

#include <iostream>

using namespace std;

int main()

{

int n(0);

double x=4.1,a,b,c,y=0;

a=b=3; c=n;

while (n<=5)

{ n=n+1;

if (n==2)

{ x=x+2.2; c=3.1; }

if (n<3 || x<=4)

{ y=a\*x-b\*y+c;

cout<<endl<<n<<" fx = "<<y<<" "<<x<<endl;

}

else if (n>=3 && x<5)

{ cout<<"a + c "<<n+3<<endl;

n=n-2; y=-y;

}

else

{ n=n+2; x=x-2;

cout<<endl<<n<<" y+2 = "<<y<<" "<<x<<endl;

}

if (n == 4) break;

cout<<"\n<><><><><>\n";

}

cout<<"\nThe End";

getch(); return 0;

}