```matlab
%y=a+bx
x1=[20.5,32.7,51,73.2,95.7];
y1=[765,826,873,942,1032];
xi=sum(x1);
yi=sum(y1);
c=x1.*y1;
xiyi=sum(c);
xi2=sum(x1.*x1);
yi2=sum(y1.*y1);
n=length(x1);
a=[n,xi;xi,xi2];
b=[yi;xiyi];
X=linsolve(a,b);
a1=X(1);
b1=X(2);
y=a1+(b1*x1);
plot(x1,y,"--");
```