//newtn forward

X=[1951 1961 ……..]

Y=[2.2 2.7……….]

Xg=1974

H=x(2)-x(1)

N=5

U=(x(n)-xg)/h

M=n

Yg=y(n)

For i=1:n-1

Y1=y(2:m);

Y=y(1:m-1)

Dy=y1-y

Yg=yg+u\*dy(m-1)\*((-1)^i)

U=u\*(u-i)/(i+1);

M=m-1;

Y=dy;

End