FLOWCHART NEWTON GREGORY BACKWARD INTERPOLASI

KELOMPOK 4

ANGGOTA:

- 1. Kevin C. Sumbung (04161036)
- 2. Ahmad Fahmi (04171006)
- 3. Andhika Naufal Zein (04171011) 4. Deva Ayuk Kurniawati (04171021) START 5. Juan Novly Azareel (04171037) INPUT X INPUT F(X)
 INPUT Xp dt=zeros(8,10) for i=1:8 dt(i,1)=x(i)dt(i,2)=fx(i);n=7 for j=3:10 for i=1:n dt(i,j)=dt(i+1,j-1)-dt(i,j-1)h=x(2)-x(1) for i=1:8 s=(xp-x(i))/h;if (s>0&&s<1) l=xp-(p*h) for i=1:8 if(I==x(i))f0=fx(r);f01=dt(r,3); f02=dt(r,(3-1)); f03=dt((r),(3-2));f04=dt((r),(3-3)); f05=dt((r),(3-4)); f06=dt((r),(3-5)); f07=dt((r),(3-6)); $\begin{aligned} & \text{Fxp=}(\text{f01}) + (\text{s*f02}) + (\text{s(s+1)*f03/(2!)}) + (\text{s(s+1)(s+2)*f04/(3!)}) + (\text{s(s+1)(s+2)(s+3)*f05/(4!)}) + (\text{s(s+1)(s+2)(s+3)(s+4)*f06/(5!)}) + (\text{s(s+1)(s+2)(s+3)(s+4)(s+5)*f07/(6!)}) \end{aligned}$ Disp fxp dan tabel beda hingga

STOP