**upload**

**or i in range(1, node - 1):**

**u[i] = (dt\*a\* (w[i-1]-2 \*w[i]+w[i+1])/dx \*\* 2) + w[i]**

**for i in range (1, node -1)**

**u[i]=(dt\*a\* (w [i-1]**

**dx=1 panjang/node**

**dt = 0.5 dx \*\*2/a**

**t\_n = int(waktu/dt)**

**u=np. zeros (node) +20**

**w = u.copy() counter = 0**

**A=110**

**Panjang=50**

**Waktu 1s**

**Node = 50**

**Print Simulasi**

**SELESAI**

**u[0]=100**

**u[-1]=100**

**MULAI**