```
1. As shown in class -
     W (T-1) W + WI ht + A T C+ =0
  D. Cotit = rokt-1 two he

Cettie = rekt-1 two he

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Cettie = rekt-1 two he
     TCHTE) + TCHTE) = Fr CHTE+ Ken) + W. T. (1+ We + Tre)
 - C C + Tie + KF G + K TR- + while + whi he = 0+1- kF - wh = 0.
     1 2 ti = Fk+ wh =) 0
  3. ie= ke - k+-1 (1-5)
      Tol+ie) = Tol+ke) - Tol+ke)
     - i ie + kk. + k (1-6) ke-1 = i - k - k (1-6) = 0
 rt = d. e = k+-1 h
   - 0= d. kd-1 hl-a (HZ++(d-1) ki., +(1-d) h+ - k+)
     : F = d. e = ka+ [1-2 = d E a | [ 1 d
   =) Zt +(d-1) Rt-1, +(1-1) The -Tr =0.
=) Ze +d. Ke-1 - d h+ - b+ =0 (1+2++dh+1-dh+-b+)
```

Euler: 1 = β € { C+1, C(+1, +(1-3)]} = β € { \(\frac{ze^{2c}}{ze^{2c}} \) [\(\frac{re^{c}}{c} \) +(1-3)]} 1= β E { e c c - c · 1 + r c · 1 · r + (1-8) · e c - c · 3 } 1= β E { (r + (1-1)) + β E { (r + 1-5) c · D=BE (Et1-8) Ci - CiF+1-8) Ci+1 + F Ti+1 } F=0 J: [-(++1-1) 0 00 0 0 0 F] D: I initral states: A 12 (1-14) $\begin{cases} \vec{r} = \lambda \cdot \vec{k} & 0 & \text{combining } 0 \& 0 \\ \vec{y} = \vec{k} & \vec{k$ 0= , 0 - , 1 1 5-= CI-d + 9=/ The i = S· k 2=0

my most 8 7929

Indivisable Labor about

log (C+)-BH+. = log (+)-B(1-l+) Wt = Ac (From class). =7 We 13 = 1 B = (B) $\overline{w} \cdot e^{\overline{w}} = \overline{B} \cdot \overline{c} \cdot e^{\overline{c}}$ W. (Hue) = B. C. (It Ce) W-Berse BEG - www W = B. C B = = 2.56 1. SD ontpred Tilog Tilog Troy Troy Twoy
4.54 0.61 025 j 029 0.82 Oh/ow comb, 0.51 029 standard 4.17 0.67 2.44 0.55 0.67 indivisable L 0.82 0.35 paper () 1.92 0.45 2.78 0.78 0.57 137' 0.07 for out put, & corrch. w) The pot standard direction of both models are higher than Us data and on log much love - The indivisable labor model significantly increase and on / tow The log, the welatility of hours when versus and that it output. In addition, 90 SD output, invoved with the introduction of indisable labor. Jo/Jy 0: (by's performance got wire shightly due to the new inclusion