LN8.1. tixed Interest Securities Short-term, three months

TSSUET: Government

No coupon payment solong-term, > lyr. (2) Bonds *With or without Coupon payments. Bills \$100 Bx: P 91 days a simple annual rate of discount: 12%. =) 91 days rate of discount = \frac{91}{365} \times 10% = 3% =) discount =\$100 x 3/2 = \$3 =) P=\$100-B=\$97. Bonds P: price Fxr = coupor payment

P: price F*r = coupor payment

F: Face Value; principal; nominal amount.

r: effective interest rate per coupor persod

C: redemption amount (Exp: C=F; redeemped at Par)

n: **No. of coupor payments until maturity

| EN 8.1. |
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| i annual redemption yield of a bond. |
| annual redemption yied: effective. I nominal yield: Tunning yield: |
| |
| The 8% 3-yr bond with par = \$100,000, has coupons paid half-yearly. Coupon rate => (= 8% = 4% |
| N = 3xz = 6 |
| F=\$100,000 |
| Fr = \$100,000 x 8% = \$4000. (compon payment). |
| redeemed at par => C=F |
| \$4000 \$4000 \$4000 \$4000 \$7000 \$3 |

uncertainties: reinvestment require a greater yield on corporate bonds than on corresponding government bonds Yield Fr.anj + C. vj =2Frx azii + C. 12/2,

Ex-