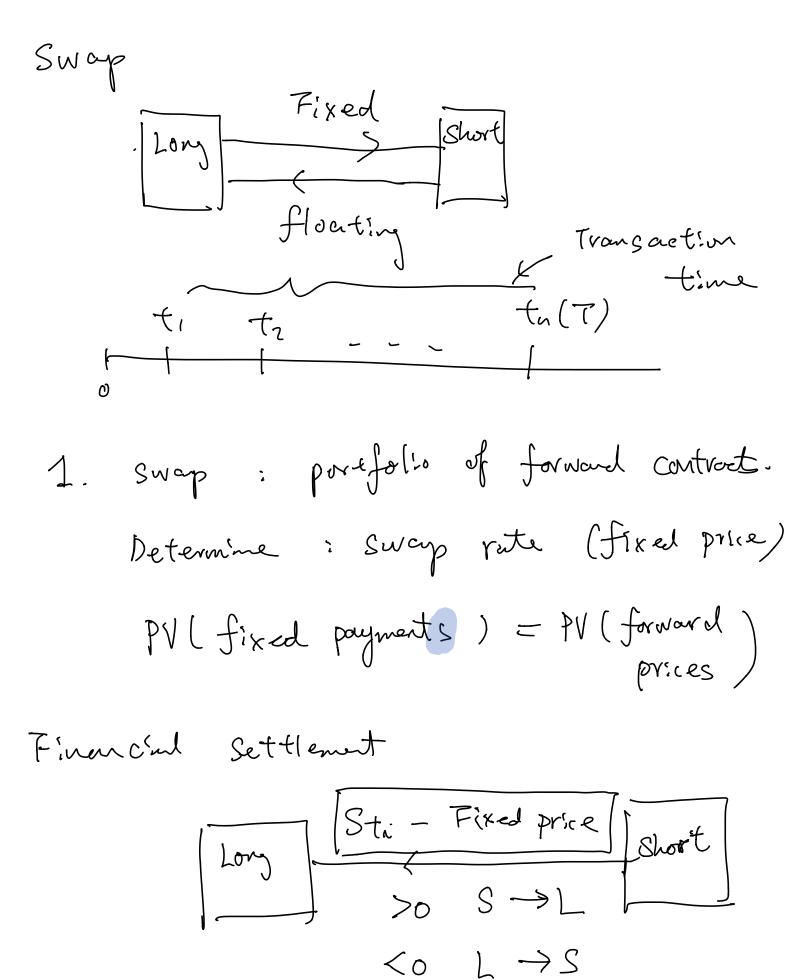




- 1. How does the swap compare with the forward contracts? See P.3 - 5.
- 2. What are the meaning of the long and short positions?
- 3. What is the difference between the physical settlement and financial settlement?
- 4. Understand TWO different ways in which the dealer uses to hedge his swap position. See P.13 - 15.
- 5. The market value of the a swap. See P.16 18.
- 6. Computing the swap rate. See P.19 24.



Hedging

1) Back to Back tronsaction - Cred: t visk of the opposite party

Call option
Estvilce price
Max (ST - (B), 0) Right to give up \$k in exchange for the underlying. General Call op tion Striking Asset (Q) Under ging asset (S) may (ST - QT, O) in exchange for S. Right to give up a C(St, Qt, T-t) moderlying striking asset General Put opta Merx (QT - ST, 0) Right to give up the underly's in exchange for P(S+,Q+, T-+) the striking asset -

OPW - Call parry C(St, Qt, T-t) - P(St, Qt, T-t) $= T_{t,T}^{P}(S) - F_{t,T}^{P}(Q)$

(2) C(St, Qt, T-t) = P(Qt, St, T-t)