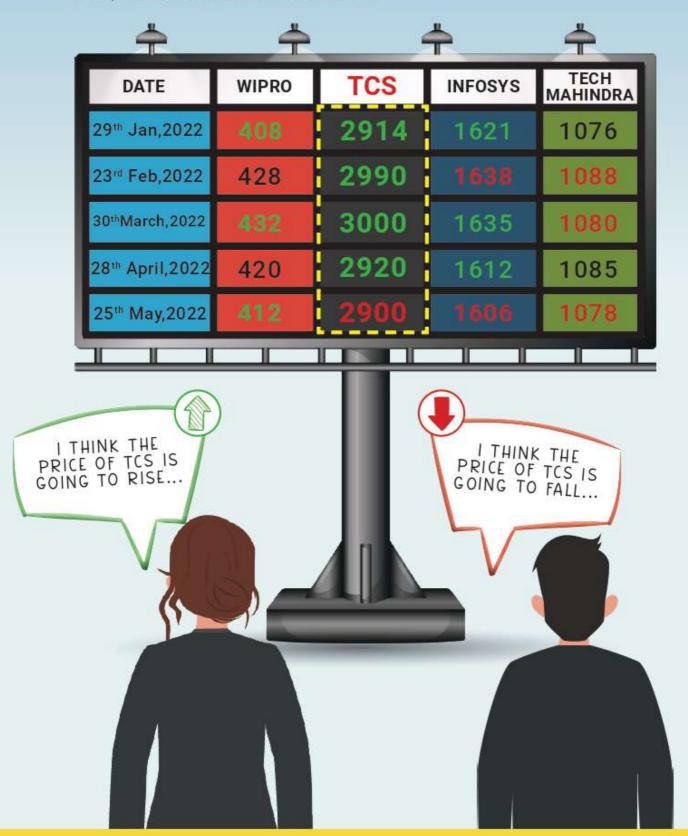
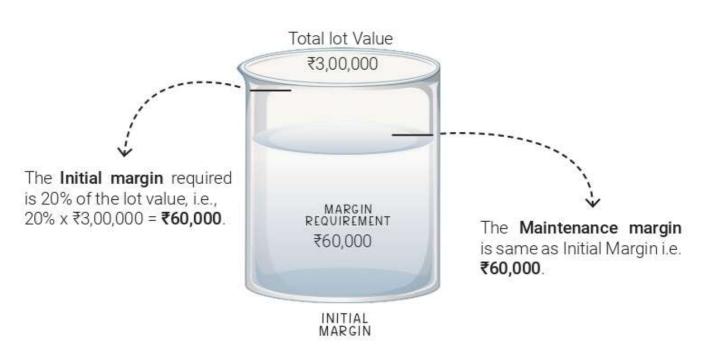
3.7 WORKING OF FUTURES CONTRACT



Let us understand the practical working of futures in-depth with a practical example or scenario of a futures contract.

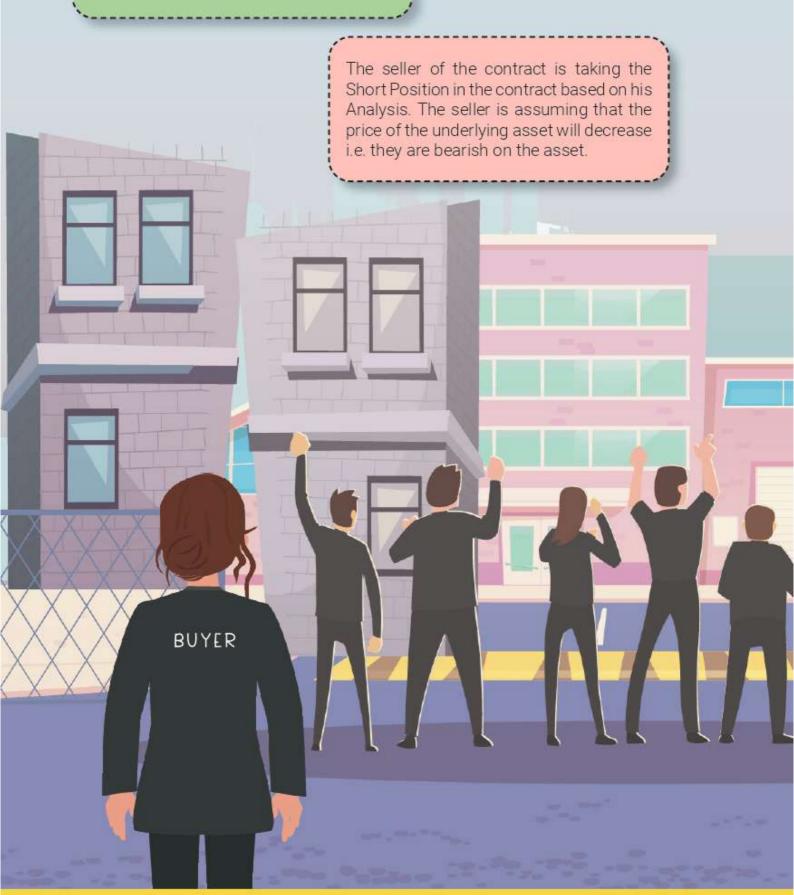


DATE OF ENTERING INTO THE CONTRACT	25 th October		
DATE OF EXPIRY	25 th November		
CURRENT MARKET PRICE OF TCS	₹2900		
THE LOT SIZE STATED BY THE EXCHANGE FOR THE CONTRACT	100 shares		
THE FUTURES PRICE OF TCS	TCS 22 NOV FUT = ₹3000.		
TOTAL LOT VALUE	Futures price x Lot size, i.e., ₹3000x100 = ₹3,00,000.		

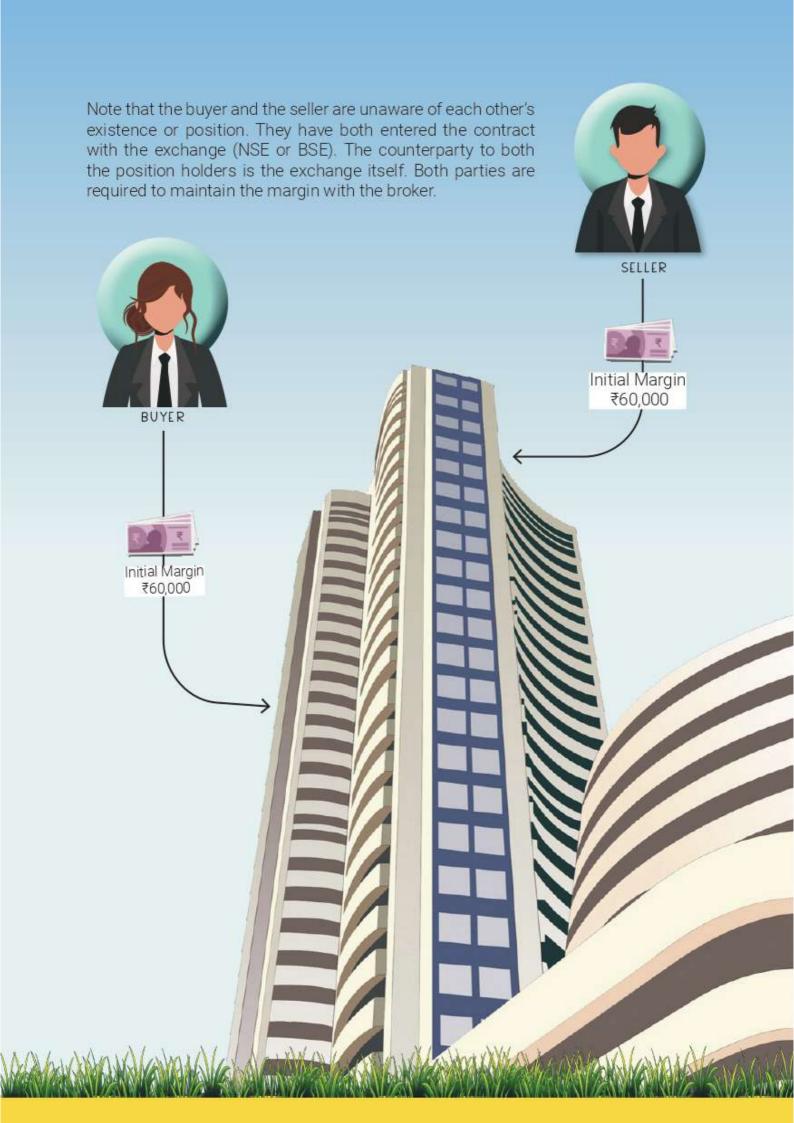


(Note: In India, generally, the initial margin and maintenance margin is the same.)

The buyer of the contract is taking the Long Position in the contract based on his Analysis. We can see that the buyer is assuming that the price will increase i.e. they are bulling on the underlying stock.









That is why with less capital, they could take larger positions. This increases both risks and returns for both the parties. We can say that Futures market uses Leverage to increase risk and return potential for both the parties.

The price of the asset keeps on changing on an everyday basis. Based on the change in price of asset, the price of the future contract will also change.



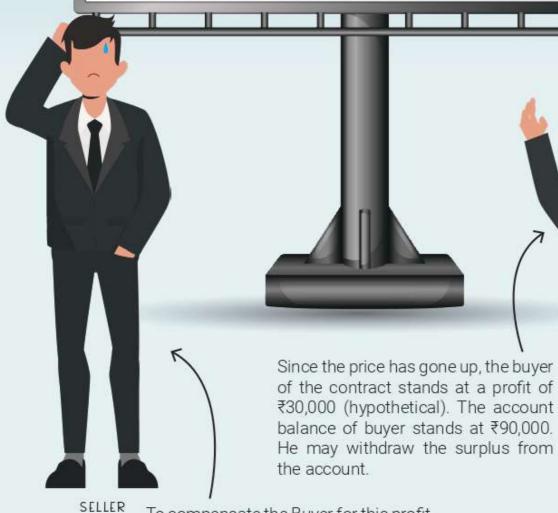
The price goes up by 10%





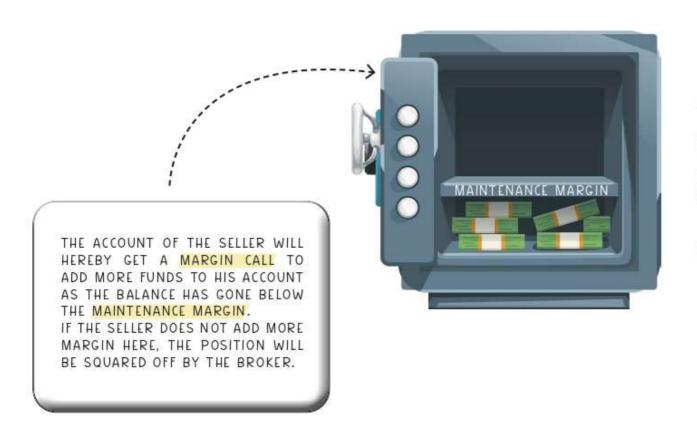
Say on Day 1, the price of the underlying asset TCS goes up by 10%.

(SELLER	BUYER
Initial Margin	₹60,000	₹60,000
+ 10% (₹3,00,000 x 10%)	(₹30,000)	₹30,000
Balance	₹30,000	₹90,000



To compensate the Buyer for this profit, the seller will be debited with ₹30,000, his account balance now stands at ₹30,000.

BUYER



That is typically how the futures contract is marked to market. The contract will be settled for the price movement each day.

You see how the margin amount increased by 50% and reduced by the same for the buyer and seller respectively. This is because of the high risk and high reward nature of future contracts.





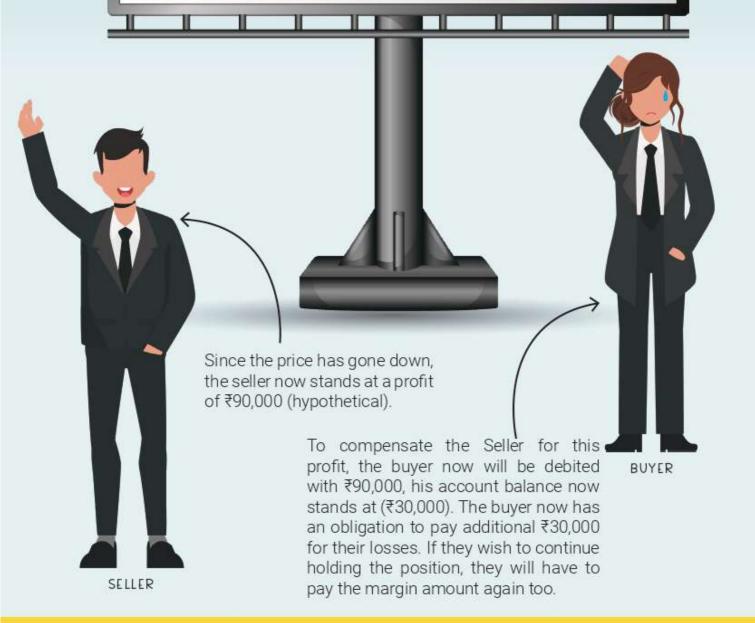
The price goes down by 30%

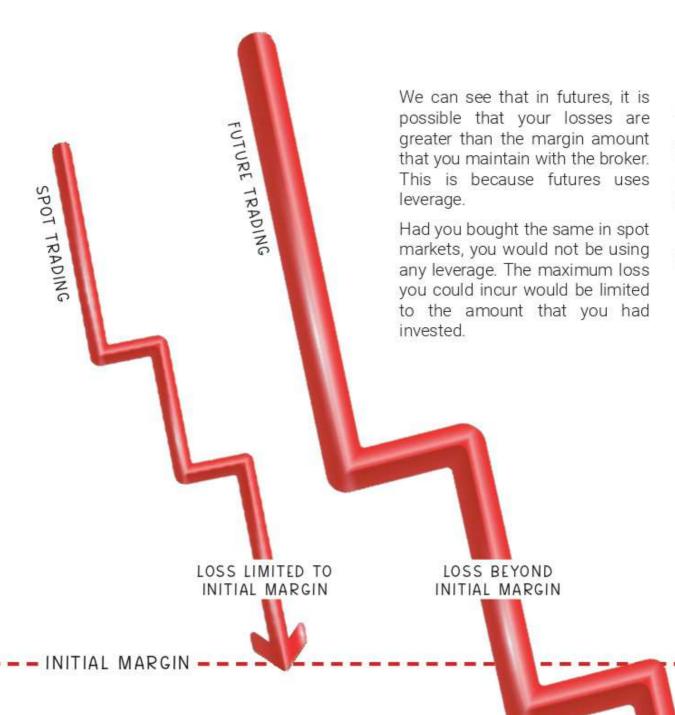




Say on Day 2 now, the price of the underlying asset TCS has gone down by 30%. Assuming both stands at the initial margin balance of ₹60,000 each.

`	SELLER	BUYER
Initial Margin	₹60,000	₹60,000
-30% (₹3,00,000 x 30%)	₹90,000	(₹90,000)
Balance	₹1,50,000	(₹30,000)





Your losses with spot trading cannot be more than your initial capital while with futures you may have losses over and above your initial margin. As a result, we can see that the futures have higher risk and reward potential as compared to purchasing from spot markets.