



**NPTEL**

**NPTEL ONLINE COURSE**

Discrete Mathematics

Functions

Example - 4 Explanation

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# Discrete Mathematics

## Functions

### Motivational Example - I

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Imagine you go out for shopping and you park your car and go and you come back after a while, let's say after a few hours. Parking ticket is generally it cost per hour, of course. It's not uniform.

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Parking charges	
Time	Amount
1 <sup>st</sup> hour	5 bucks
2 <sup>nd</sup> hour	10 bucks
3 <sup>rd</sup> hour	18 bucks

TEOR  
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For the first one hour you need to pay 5 bucks. For the second hour it will be 10 bucks. Over and top of your 5 bucks. For the third hour it will let's say 18 bucks.