## Introduction

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## A Communication Game

- Alice and Bob are the two most famous persons in cryptography.
- They are used every where...
- Consider a scenario, where Alice and Bob wishes to go for dinner together.
- Alice decides to go for Chinese, whereas Bob wants to go for Indian Food.
- Now how do they resolve?







## The Protocol

- Both of them agree on the function f(x)
- an even number x represents HEAD
- an odd number x represents TAIL



























## Next Days Topic

Overview on Modern Cryptography