

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING BANGALORE INSTITUTE OF TECHNOLOGY

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ARTIFICIAL INTELLIGENCE PROJECT



[WHAT'S YOUR NUMBER?]

Problem description:

A game of two players . Player-I and Player-II writes their numbers privately and keeps it confidential [3-digit number of non-repeated digit and without zero] . Each one get a chance alternatively to guess the opponent's number . When the player says the number to the opponent, if the number said by the player,

Cases:

- When one digit matches in opponent's number, the opponent has to say **GALLUS**.
- When two digits matches in opponent's number, the opponent has to say TAURUS.
- When all the digits matches in opponent's number(in a wrong order), the opponent has to say GALLUS AND TAURUS.
- When all the digits matches in opponent's number along with the proper order, that respective player WINS the game.
- Otherwise if the opponent finds the number before the player-I, the opponent wins.

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