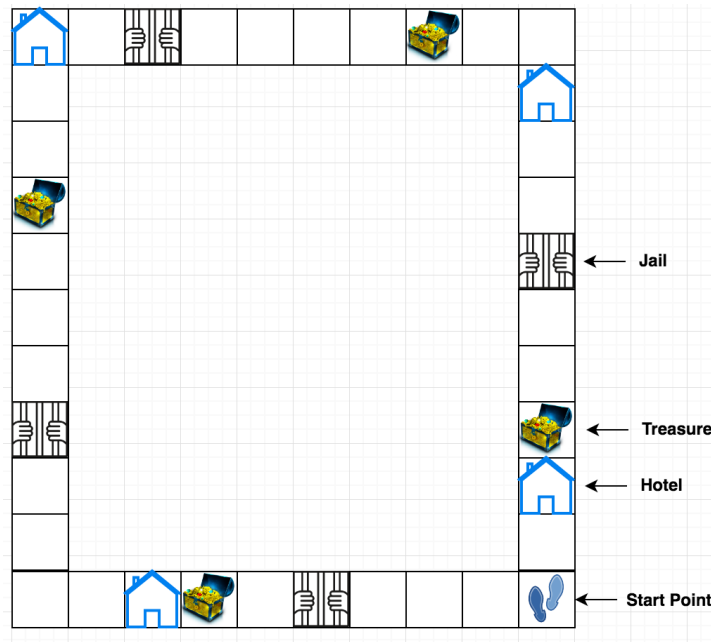


# Business House Game

Business house is a board game which require minimum two players. Player uses a random number between 2-12 and move on the board accordingly.

Each player has some amount at start.

Below image represent a game board.



The board cell may be one of the following types.

1. **Jail** : When user lands on it, a defined amount, for e.g. Rs 150, will be deducted from user's money.
2. **Treasure** : When user lands on it, a defined amount, for e.g. Rs 200, will be added to user's money.
3. **Hotel** : This is a special type of entity.
  - a. A hotel is of a defined worth, for e.g: Rs. 200.
  - b. When user lands on it and has required money, he has to buy it.
  - c. If any other user lands on a pre owned hotel, user needs to pay Rs.50 to hotel owner.

## How To Play :

1. Two+ users will start from starting point with initial money.
2. Dice output will be according to the given input.
3. Every move has to follow cell type rules defined above.
4. Maximum ten chances will be awarded to each player.
5. After ten chances, player with maximum money, will be declared as winner.

## **Input :**

Number of Players : 3

Cells Position and Type:

E,E,J,H,E,T,J,T,E,E,H,J,T,H,E,E,J,H,E,T,J,T,E,E,H,J,T,H,J,E,E,J,H,E,T,J,T,E,E,H,J,T,E,H,E

E → EMPTY

J → JAIL

T → TREASURE

H → HOTEL

Dice Output:

4,4,4,6,7,8,5,11,10,12,2,3,5,6,7,8,5,11,10,12,2,3,5,6,7,8,5,11,10,12

***You can hard code below values in code, no need to parse them.***

Initial Money for each player : 1000

Hotel Worth : 200

Hotel Rent : 50 Jail

Fine: 150

Treasure Value : 200

**Desired Output :**

We need to print total worth of all players in decreasing order. Total worth means -->money remaining at end + value of all hotel bought by player.

Player-1 has total worth 1200

Player-2 has total worth 1200

Player-3 has total worth 1050