

# Dream Park

Mahmoud Nasser Mansour

## Section: 4

---

A well-known amusement park requested a system to manage their entire business.

Park staff is divided into 3 categories (dustmen, game managers and sellers). Sellers sell food, drinks and game tickets. Each staff category has its unique method of calculating the total salary.

For Sellers they have commission 3% of what they sell. Game Managers have bonus 0.02% of their salary for the total number of rounds they managed the game in. Dustmen have tip 2.0 EGP for every round of cleaning they participate in.

The park is divided into 4 divisions (Horror City, Adventure City, Disney City, Water City) and each division has a number of rides.

Every time a visitor wants to enter the park, he buys a park card and add credit to it to be able to buy ride tickets and food inside the park.

