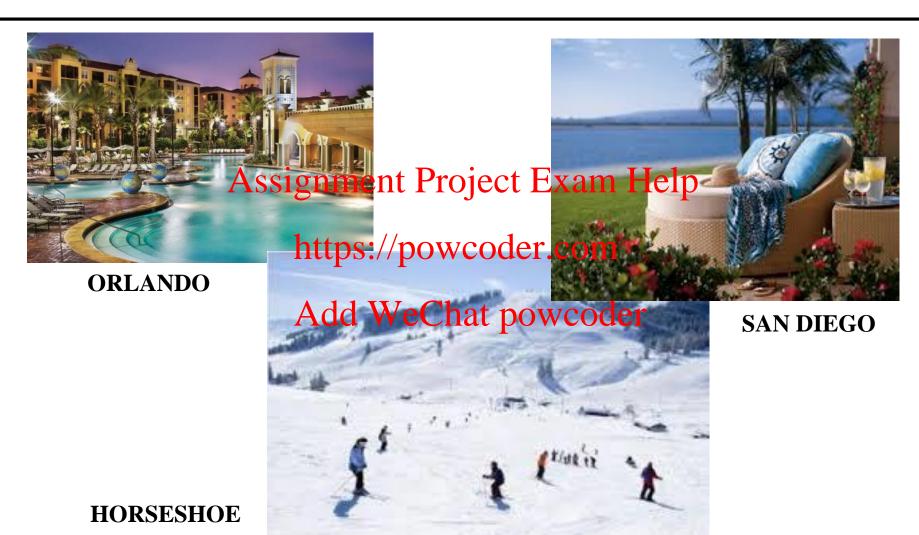


CIS-418

Time Share Exchange problem



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Time Share Exchange problem

Objective:

Maximize the number of exchanges

Decision variables:

- To assign slots to gustomer projects to mers in 1915 purpositions

• Constraints:

- Binary Variables hiftips: top band to the conver engine, you can set them as non-negative).
- A customer can only decewe what is power and wince (based on allowance rule)
- A customer will not receive a combination that wasn't her first or second choice
- A customer can receive no more than one combination
- A customer can receive a particular resort/season combination only if someone else gave the same combination up.

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Different business rules

Exchange rules:

- Only same color exchanges are allowed.
- Same color and downward exchanges are allowed. Recall the rank is Red>White>Bluesignment Project Exam Help
- All exchanges are allowed.

https://powcoder.com

- Customers' satisfaction:
 Add WeChat powcoder

 First choice = Second choice
- First choice = a*Second choice, a>1. We capture customers' satisfaction in
- objective function.

Go to excel file "Time Share Homework" and solve the problem

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