

```

{
  "initialStorage":
  [
    {"shoeType": "< shoe1>", "amount": < amount1>},
    {"shoeType": "< shoe2>", "amount": < amount2>},
    .
    .
    .
    {"shoeType": "< shoen>", "amount": < amountn>}
  ],

  "services":
  {
    "time": {"speed": <speed>, "duration": <duration>},
    "manager":
    {
      "discountSchedule":
      [
        {"shoeType": "<d_shoe1>", "amount": <d_amount1>, "tick": <tick1>},
        {"shoeType": "<d_shoe2>", "amount": <d_amount2>, "tick": <tick2>},
        .
        .
        .
        {"shoeType": "<d_shoem>", "amount": <d_amountm>, "tick": <tickm>}
      ]
    },
    "factories": <num_of_factories>
    "sellers": <num of sellers>,
    "customers":
    [
      {
        "name": "<name1>",
        "wishList": ["<w_shoe1_1>", "< w_shoe1_2>", ..., "< w_shoe1_k1>"],
        "purchaseSchedule":
        [
          {"shoeType": "<p_shoe1_1>", "tick": <P_tick1_1>},
          {"shoeType": "<p_shoe1_2>", "tick": <P_tick1_2>},
          .
          .
          .
          {"shoeType": "<p_shoe1_q1>", "tick": <P_tick1_q1>}
        ]
      },
      {
        "name": "<name2>",
        "wishList": ["<w_shoe2_1>", "< w_shoe2_2>", ..., "< w_shoe2_k2>"],
        "purchaseSchedule":
        [
          {"shoeType": "<p_shoe2_1>", "tick": <P_tick2_1>},
          {"shoeType": "<p_shoe2_2>", "tick": <P_tick2_2>},
          .
          .
          .
          {"shoeType": "<p_shoe2_q2>", "tick": <P_tick2_q2>}
        ]
      }
    ]
  }
}

```

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    ]
  },
  .
  .
  .
  {
    "name": "<name_c>",
    "wishList": ["<w_shoe_c1>", "<w_shoe_c2>", ..., "<w_shoe_ckc>"],
    "purchaseSchedule":
    [
      {"shoeType": "<p_shoe_c1>", "tick": <P_tick_c1>},
      {"shoeType": "<p_shoe_c2>", "tick": <P_tick_c2>},
      .
      .
      .
      {"shoeType": "<p_shoe_cqc>", "tick": <P_tick_cqc>}
    ]
  },
]
},
}

```