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### 1. Add Depot

```
depot = Task;
depot.Task_ID = 0;
depot.RequiredResourceState = [50, 50];
depot.CapacityRequirement= 0;
TaskList = [depot, TaskList];
nNodes = length(TaskList);
```

## 2. Make Cost Matrix & Capacity Array

# 3. Call Clark Wright Savings

```
[loc, TC] = vrpsavings(costMat, {capacityReqts, 1000});
```

# 4. Assign ordered tasklists to resources

```
for j = 1:min(length(self.Controller.DELS.ResourceSet), length(loc))
    self.Controller.DELS.ResourceSet(j).TaskList = TaskList(loc{j});
```

```
self.Controller.DELS.ResourceSet(j).TaskListCapacityRequirement =
end
end
end
end
```

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