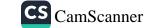
```
import itertools
conflict_table = [
 {"sub_id": 100, "conflict_sub_id": 200, "NumOfInteraction": 30},
 {"sub_id": 100, "conflict_sub_id": 300, "NumOfInteraction": 15},
level_table = [
 {"sub_id": 100, "level": 1},
 {"sub_id": 200, "level": 2},
 {"sub_id": 300, "level": 3},
def calculate_cost(order, conflict_table):
 cost = 0
 for conflict in conflict_table:
   sub1_index = order.index(conflict["sub_id"])
    sub2_index = order.index(conflict["conflict_sub_id"])
   days_difference = abs(sub1_index - sub2_index)
   cost += conflict["NumOfInteraction"] * days_difference
  return cost
subjects = [sub["sub_id"] for sub in level_table]
all_possible_orders = list(itertools.permutations(subjects))
```

best\_order = None



```
min_cost = float('inf')

for order in all_possible_orders:

    cost = calculate_cost(order, conflict_table)

    if cost < min_cost:

        min_cost = cost

        best_order = order

print(" ,":بسب:", ")

print(" ,":بسبنافة الأقل:", ")

print(" ,":", ")
```