```
clc
clear
material_unit=[6000 2000 4000 9000];
labor_unit=[2000 5000 3000 7000];
trans_unit=[1000 4000 2000 3000];
Q1=[10 8 12 6];
Q2=[12 7 10 4];
Q3=[13 6 13 11];
Q4=[15 4 9 5];
Material_quarterly_cost=[sum(material_unit.*Q1) sum(material_unit.*Q2)
sum(material_unit.*Q3) sum(material_unit.*Q4)]

labor_quarterly_cost=[sum(labor_unit.*Q1) sum(labor_unit.*Q2)
sum(labor_unit.*Q3) sum(labor_unit.*Q4)]

transportation_quarterly_cost=[sum(trans_unit.*Q1) sum(trans_unit.*Q2)
sum(trans_unit.*Q3) sum(trans_unit.*Q4)]

total_year_cost_of_material=sum(Material_quarterly_cost)

total_year_cost_of_labor=sum(labor_quarterly_cost)

total_year_cost_of_trans=sum(transportation_quarterly_cost)

total_quartly_cost=Material_quarterly_cost+labor_quarterly_cost+transpo_quart
erly_cost
```

```
Material_quarterly_cost = 1×4
      178000      162000      241000      179000
labor_quarterly_cost = 1×4
      138000      117000      172000      112000
transportation_quarterly_cost = 1×4
       84000       72000       96000       64000
total_year_cost_of_material = 760000
total_year_cost_of_labor = 539000
total_year_cost_of_trans = 316000
total_quartly_cost = 1×4
      400000      351000      509000      355000
```