```
clc
clear
mu=[6000 2000 4000 9000];
lu=[2000 5000 3000 7000];
tu=[1000 4000 2000 3000];
Q1=[10 8 12 6];
Q2=[12 7 10 4];
Q3=[13 6 13 11];
Q4=[15 4 9 5];
mqc=[sum(mu.*Q1),sum(mu.*Q2),sum(mu.*Q3),sum(mu.*Q4)]
```

```
mqc = 1×4
      178000      162000      241000      179000
```

```
lqc=[sum(lu.*Q1),sum(lu.*Q2),sum(lu.*Q3),sum(lu.*Q4)]
```

```
lqc = 1×4
      138000      117000      172000      112000
```

```
tqc=[sum(tu.*Q1),sum(tu.*Q2),sum(tu.*Q3),sum(tu.*Q4)]
```

```
tqc = 1×4
       84000       72000       96000       64000
```

```
total_year_cost_of_material=sum(mqc)
```

```
total_year_cost_of_material = 760000
```

```
total_year_cost_of_labor=sum(lqc)
```

```
total_year_cost_of_labor = 539000
```

```
total_year_cost_of_trans=sum(tqc)
```

```
total_year_cost_of_trans = 316000
```

```
total_quartly_cost=lqc+tqc+mqc
```

```
total_quartly_cost = 1×4
      400000      351000      509000      355000
```

```
sum(total_quartly_cost)
```

```
ans = 1615000
```