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Q)

Find mean :

0-10	10-20	20-30	30-40	40-50	50-60
2	5	6	2	5	7

Code and output:

```
> lb=c(0,10,20,30,40,50)
> ub=c(10,20,30,40,50,60)
> f=c(2,5,6,2,5,7)
> midvalue=(lb+ub)/2
> mean=sum(f*midvalue)/sum(f)
> mean
[1] 33.88889
```

Q)   plot pie diagram for

X=23, 25, 32, 30

code

```
> x=c(23,25,32,30)
> pie(x,main="Pie",col=1:4)
>
```

Output:

Pie