Action	No index	Star index	Movies index	Index both
Q1	100	4	100	4
Q2	100	100	4	4
I	2	4	4	6
Equation	98p1+98p2+2	96p2+4	96p1+4	6-2p1-2p2

1. if p1 = p2 = 0.1
No index =21.6 ,Star index =13.600000000000001 ,Movies index =13.600000000000001 ,Index both =5.6

2. if p1 = p2 = 0.4
No index =80.4 ,Star index =42.400000000000006 ,Movies index =42.400000000000006 ,Index both =4.4

3. if p1 = 0.5, p2 = 0.1
No index =60.8 ,Star index =13.600000000000001 ,Movies index =52.0 ,Index both =4.8

4. if p1 = 0.1, p2 = 0.5
No index =60.8 ,Star index =52.0 ,Movies index =13.600000000000001 ,Index both =4.8

We would prefer to create both indexes. Compare to 10-page-data, I think the more data we have, the more likely we create indexes.

Python code:

```
def f(p1,p2):
    s ='No index ='
    s+= str(98*p1+98*p2+2)
    s+= ' ,Star index ='
    s+= str(96*p2+4)
    s+= ' ,Movies index ='
    s+= str(96*p1+4)
    s+= ' ,Index both ='
    s+= str(6-2*p1-2*p2)
    return s
```