```
Enter no. of terms
5
Enter Values of X
1891 1901 1911 1921 1931
Enter Values of Y
46 66 81 93 101
Enter value of x for which you want y
1895
The Difference Table is as follows:
1891.000000 46.000000 20.000000 -5.000000 2.000000 -3.000000
1901.000000 66.000000 15.000000 -3.000000 -1.000000
1911.000000 81.000000 12.000000 -4.000000
1921.000000 93.000000 8.000000
1931.000000 101.000000


Value at X=1895 is = 54.852798
```

```
Enter no. of terms
5
Enter Values of X
1891 1901 1911 1921 1931
Enter Values of Y
46 66 81 93 101
Enter value of x for which you want y
1925
The Difference Table is as follows:
1891.000000 46.000000 20.000000 -5.000000 2.000000 -3.000000
1901.000000 66.000000 15.000000 -3.000000 -1.000000
1911.000000 81.000000 12.000000 -4.000000
1921.000000 93.000000 8.000000
1931.000000 101.000000


Value at X=1925 is = 96.836800
```

```
Enter no. of terms
4
Enter Values of X
5 6 9 11
Enter Values of Y
12 13 14 16
Enter value of x for which you want y
10


Value at X=10 is = 14.666668
```