

Input:

X	0	1	2	3	4
F(x)	1	1.8	3.3	4.5	6.3

Output:

```
Users\Dell\Desktop\Roshan NM\Unit 2\"linear_leastSquare
Enter the size of data pair: 5
x[0]: 0
y[0]: 1
x[1]: 1
y[1]: 1.8
x[2]: 2
y[2]: 3.3
x[3]: 3
y[3]: 4.5
x[4]: 4
y[4]: 6.3
Hence, straight line that is fit the given data is:
y = 0.720001+1.33x
c:\Users\Dell\Desktop\Roshan NM\Unit 2>
```

Input:

X	4	7	11	13	17
F(x)	2	0	2	6	7

Output:

```
Users\Dell\Desktop\Roshan NM\Unit 2\"linear_leastSquare
Enter the size of data pair: 5
x[0]: 4
y[0]: 2
x[1]: 7
y[1]: 0
x[2]: 11
y[2]: 2
x[3]: 13
y[3]: 6
x[4]: 17
y[4]: 7
Hence, straight line that is fit the given data is:
y = -1.65891+0.486434x
c:\Users\Dell\Desktop\Roshan NM\Unit 2>
```