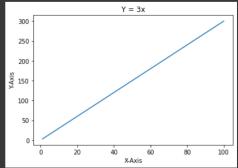
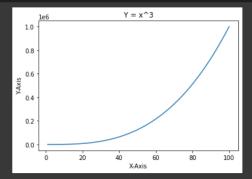


A-AXIS

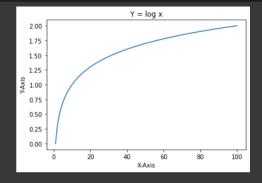
→ Funtion Y = 3x



→ Funtion $Y = x^3$

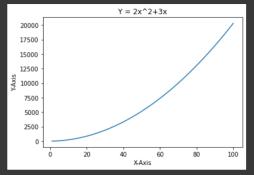


→ Funtion Y = log x



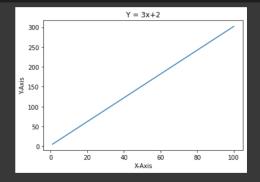
▼ Function $Y = 2x^2+3x$

```
    [28] x = data['x']
    y = data['2x^2+3x']
    plt.title('Y = 2x^2+3x')
    plt.xlabel("X-Axis")
    plt.ylabel("Y-Axis")
    plt.plot(x, y)
    plt.show()
```



→ Function Y = 3x+2

```
[29] x = data['x']
    y = data['3x+2']
    plt.title('Y = 3x+2')
    plt.ylabel("X-Axis")
    plt.ylabel("Y-Axis")
    plt.plot(x, y)
    plt.show()
```

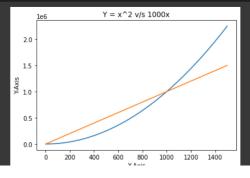


→ Function Y = x^2 v/s 1000x

```
[59] index = 1
    x = []
    y = []
    z = []

for i in range(1, 1500):
    x.insert(i, i)
    y.insert(i, pow(i, 2))
    z.insert(i, 1000 * i)

plt.title('Y = x^2 v/s 1000x')
    plt.xlabel("Y-Axis")
    plt.ylabel("Y-Axis")
    plt.plot(x, y)
    plt.plot(x, z)
    plt.show()
```



Describe the region where the two functions meet.

V - X*2
Y - 1000 X
X*7 - 1000 X
X - 1000 (Point Mere the two function will seet)

So the point in 1000.

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