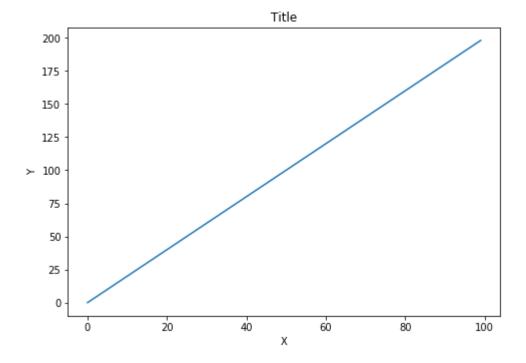
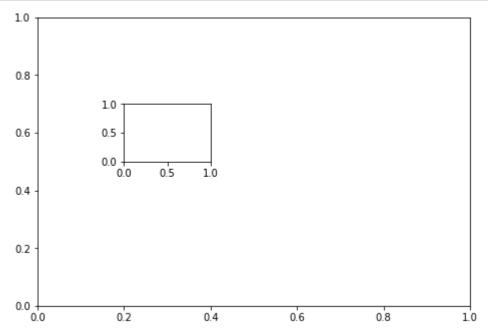
#Excercise1

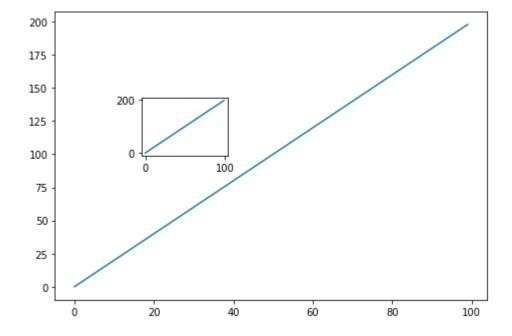
Out[2]: Text(0.5,1,'Title')



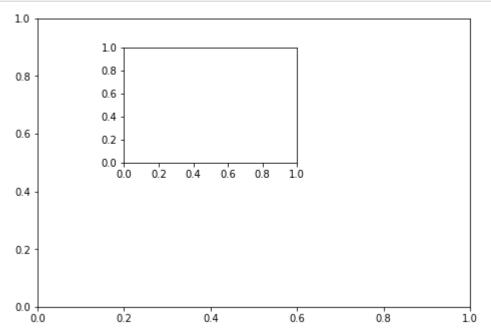
#Excercise 2



Out[4]: [<matplotlib.lines.Line2D at 0x7da4128>]

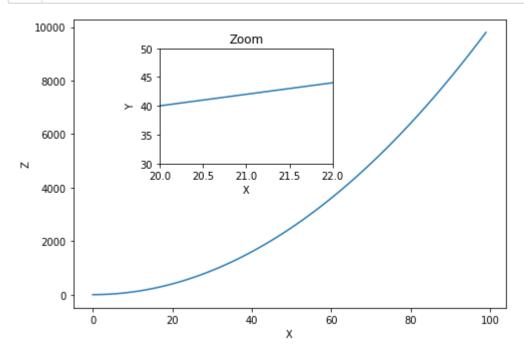


#Excercise 3



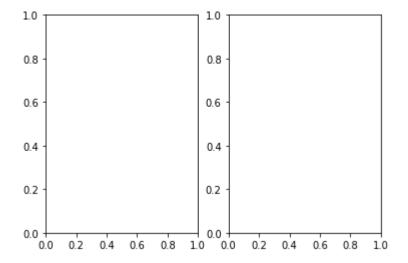
```
In [6]:
          1
             ax1.plot(x,z)
          2
             ax1.set_xlabel('X')
          3
             ax1.set_ylabel('Z')
          4
          5
             ax2.plot(x,y)
          6
             ax2.set_xlabel('X')
          7
             ax2.set_ylabel('Y')
             ax2.set_title("Zoom")
          8
          9
             ax2.set_xlim(20,22)
             ax2.set_ylim(30,50)
         10
         11
         12 | fig
```

Out[6]:

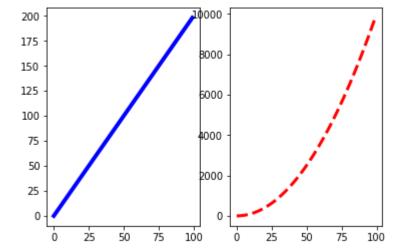


#Excercise 4

```
In [7]: 1 plt.subplots(nrows=1,ncols=2)
```



Out[8]: [<matplotlib.lines.Line2D at 0x7f8ba20>]



```
In [9]: 1 fig,axes = plt.subplots(nrows=1,ncols=2,figsize=(10,2))
2 axes[0].plot(x,y,'b',lw=4)
3 axes[1].plot(x,z,'r--',lw=3)
```

Out[9]: [<matplotlib.lines.Line2D at 0x803ccc0>]

