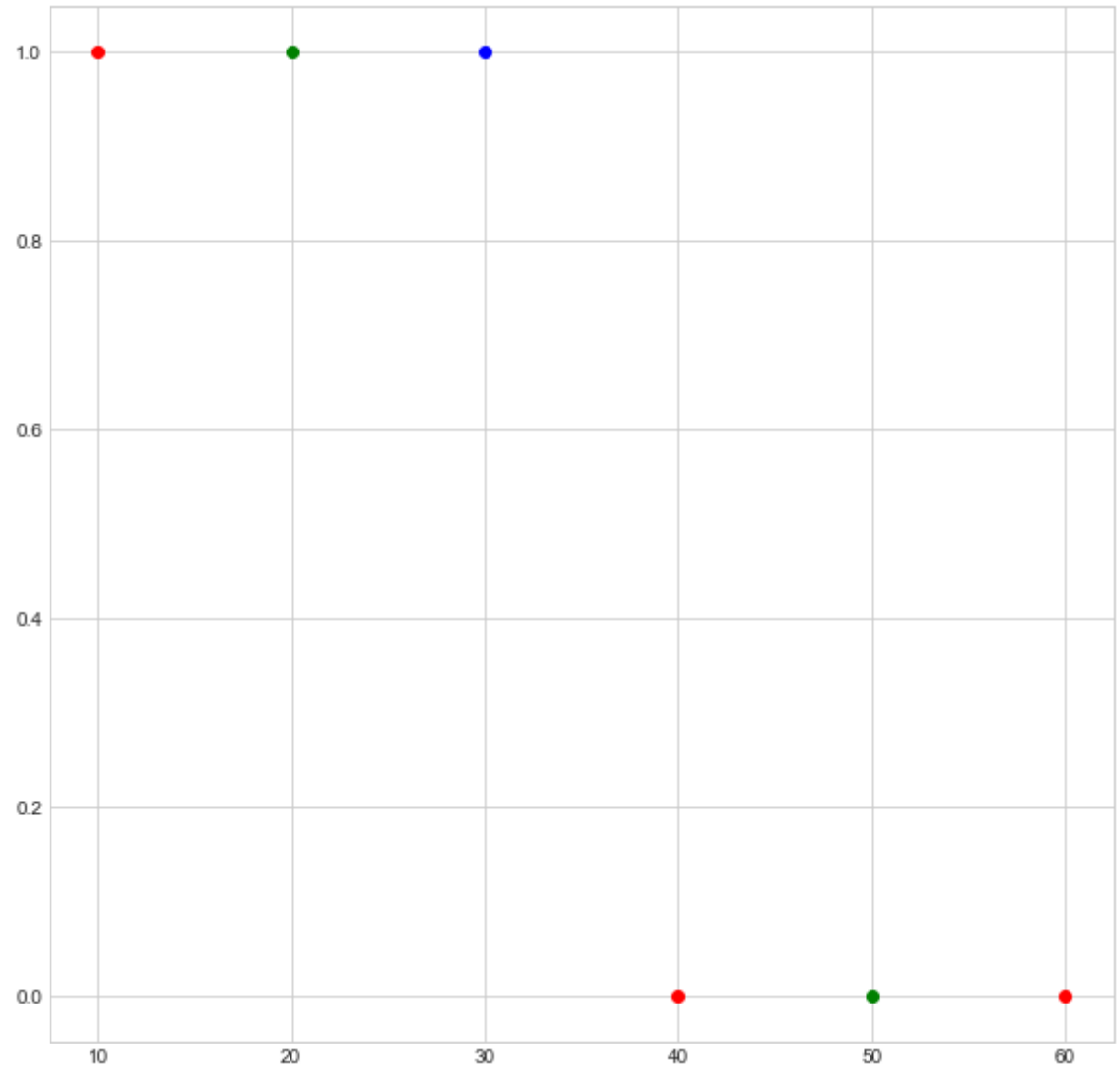
In [50]:

```
# p2b graph - Prasun Guragain

import matplotlib.pyplot as plt
import numpy as np

plt.figure(figsize=(10,10))

'''
A (Red) run for 30 seconds, B (Green) for 20 seconds,
and C (Blue) for 10 seconds

Time slice = 10 seconds
Tie? -> alphabetically first
'''

#    A   B   C   A   B   A
x = [10, 20, 30, 40, 50, 60]

y = [1, 1, 1, 0, 0, 0]
col = ['red', 'green', 'blue']

j = 0
for i in range(len(x)):
    plt.scatter(x[i], y[i], color = col[j])
    if j == 2:
        j = -1
    j += 1
    if i == 4:
        j = 0

plt.show()
```



In [ ]: