$$T(n) = T(n/5) + T(n/2) + n$$

$$T(n) = T(n/5) + T(n/5) + n$$

$$T(n/5) = T(n/5) + n$$

$$T$$

$$Gios = \frac{N_2}{2 = N_1} = \frac{\chi^{N_1} - \chi^{N_2 + 1}}{1 - \chi}$$

$$T(2^n) = T(2^{n-1}) + 2^n$$

$$m = 2^n - 2^n = \frac{m}{2}$$

$$a=1$$
  $b=2$ 

$$F > G$$

$$T(m) = O(P(m))$$

$$= O(m)$$

$$= O(2^{m})$$