Power(x,y)

If y=0 return 1

Return x \* power(x,y-1)

[-----------------------------

2 \* power(2,0) 1

2 \* power(2,1) 2

2\* power(2,2) 4

2\*power(2,3) 8

2\*power(2,4) 16

2\*power(2,5)

32

]--------------------------------------