

```

private static boolean SumaGrupoBasico(int start, int[] nums, int target){

    if (start == nums.length){

        return target == 0; //c1

    }else{

        return SumaGrupoBasico(start+1, nums, target) //T(n) = c3 + 2*T(n-1)

        || SumaGrupoBasico(start+1,nums,target-nums[start]); //T(n)=c1*2^(n-1)+c3*(2^n-1)

    }

}

```



```

public static int arrayMax(int start, int[] nums)
{
    if(nums.length==0){
        return Integer.MIN_VALUE;
    }else if(start==nums.length){
        return nums[start-1];
    }else{
        return Math.max(nums[start], arrayMax(start+1,nums));
    }
}

```

