|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | WAP that will calculate the sum of numbers from 1 to n using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 5 | 15 | | 10 | 55 | | \*\* |
|  | WAP that will display Fibonacci Series using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 4 | 0,1,1,2 | |  |  | | \*\* |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | WAP that will print the array elements using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 5  1 8 9 7 5 | 1 8 9 7 5 | |  |  | | \*\* |
|  | WAP that will count the digits of a given number using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 130 | 3 | | 52 | 2 | | \*\* |
|  | WAP that will get the largest element of an array using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 4  1 4 7 2 | 7 | |  |  | | \*\*\* |
| **6** | WAP that will print even or odd numbers in given range using recursion.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | 1  10 | Even Numbers: 2, 4, 6, 8, 10  Odd Numbers: 1, 3, 5, 7, 9 | |  |  | |  |
| **7** | WAP that will check whether a given String is Palindrome or not.   |  |  | | --- | --- | | **Sample input** | **Sample output** | | abccba | Palindrome | |  |  | |  |