WEEK 2 PRACTICE PROBLEMS

| \mathbf{SL} | Problem statement | | | | | | |
|---------------|--|--|--|--|--|--|--|
| | Write a program (WAP) that will print following series upto Nth terms. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, | | | | | | |
| | | | | | | | |
| | Sample input Samp | | | | | | |
| | Sample input Samp | ու output | | | | | |
| | | | | | | | |
| | Sample input | Sample output | | | | | |
| | 2 | 1, 2 | | | | | |
| | 5 | 1, 2, 3, 4, 5 | | | | | |
| | 11 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 | | | | | |
| | | | | | | | |
| | | WAP) that will print following series upto Nth terms. | | | | | |
| | 1, 3, 5, 7, 9, 11, 13, | 15, 17, 19, 21, 23, 25, 27, 29, 31 | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Sample input | Sample output | | | | | |
| | 2 | 1,3 | | | | | |
| | 5 | 1, 3, 5, 7, 9 | | | | | |
| | 11 | 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21 | | | | | |
| | TTT 1. | (ID) d | | | | | |
| | | (AP) that will print following series upto Nth terms. | | | | | |
| | 1, 0, 1, 0, 1, 0, 1, 0, | 1, 0, 1, 0, 1, 0, 1, 0, 1, | | | | | |
| | | | | | | | |
| | Cample input | Cample output | | | | | |
| | Sample input | Sample output 1 | | | | | |
| | 2 | 1,0 | | | | | |
| | 3 | 1,0 | | | | | |
| | 3 | | | | | | |
| | | | | | | | |
| | 4 | 1, 0, 1, 0 | | | | | |
| | 7 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 | | | | | |
| | 4 7 13 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 | | | | | |
| | 4 7 13 Write a program (V | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. | | | | | |
| | 4 7 13 Write a program (V | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 | | | | | |
| | 4 7 13 Write a program (V) (Restriction: Without | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. out using any array) | | | | | |
| | 4 7 13 Write a program (V | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Value (Restriction: Without 3) | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. out using any array) | | | | | |
| | Write a program (Value (Restriction: Without 3) | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output AVG of 3 inputs: 20.166667 | | | | | |
| | Write a program (Value (Restriction: Without 3 10 20 30.5 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Nestriction: Without 3 10 20 30.5 2 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output AVG of 3 inputs: 20.166667 | | | | | |
| | Write a program (Value (Restriction: Without 3 10 20 30.5 2 22.4 11.1 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Out using any array) Sample output | | | | | |
| | Write a program (V) (Restriction: Without a program of the content of the conten | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Value of X and increase of X an | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Value of X and increase of X an | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without Sample input 3 10 20 30.5 2 22.4 11.1 Write a program (W square of X and increwhen X is equal to Y | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (W square of X and increment and increment X is equal to Y Sample input(X,Y) | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (Wasquare of X and increased when X is equal to Y 10 5 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (W square of X and increment X is equal to Y 10 5 5 10 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (Wasquare of X and increased when X is equal to Y 10 5 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (W square of X and increment X is equal to Y 10 5 5 10 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (V (Restriction: Without 3 10 20 30.5 2 22.4 11.1 Write a program (Wasquare of X and increwhen X is equal to Y Sample input(X,Y) 10 5 5 10 10 10 | 1,0,1,0 1,0,1,0,1,0,1 1,0,1,0,1,0,1,0,1,0,1 1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,1 1,0,1,0,1,0,1,0,1,0,1,0,1,0,1 WAP) that will take N numbers as inputs and compute their average. Description of the stress of th | | | | | |
| | Write a program (Wasquare of X and increwhen X is equal to Yasquare of Inc. 10 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (W. Sample input 3 10 20 30.5 2 22.4 11.1 Write a program (W. square of X and increwhen X is equal to Y. Sample input(X,Y) 10 5 5 10 10 10 Write a program (W. the keyboard. | 1, 0, 1, 0 1, 0, 1, | | | | | |
| | Write a program (W. Sample input 3 10 20 30.5 2 22.4 11.1 Write a program (W. square of X and increwhen X is equal to Y. Sample input(X,Y) 10 5 5 10 10 10 Write a program (W. Sample input (X,Y) 10 5 5 20 10 10 10 10 Write a program (W. Sample input (X,Y) 10 5 5 10 10 10 10 Mrite a program (W. Sample input (X,Y) 10 5 5 10 10 10 Mrite a program (W. Sample input (X,Y) 10 5 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 10 Mrite a program (W. Sample input (X,Y) 10 Mrite a pro | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, | | | | | |
| | Write a program (Washington) Write a program (Washington) 2 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Wasquare of X and increment X is equal to Yasquare input X 10 10 10 10 Write a program (Wasquare of X and increment X is equal to Yasquare input X, Y) 10 5 5 10 10 10 10 Write a program (Wasquare input X, Y) 10 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10 | 1, 0, 1, 0 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (W. Sample input 3 10 20 30.5 2 22.4 11.1 Write a program (W. square of X and increwhen X is equal to Y. 10 5 5 10 10 10 Write a program (W. Sample input(X,Y) 10 5 5 10 10 10 Write a program (W. Sample input(X,Y) 10 5 5 10 10 10 | 1, 0, 1, 0 1, 0, 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |
| | Write a program (Wasquare of X and increment X is equal to Yasquare input X 10 10 10 10 Write a program (Wasquare of X and increment X is equal to Yasquare input X, Y) 10 5 5 10 10 10 10 Write a program (Wasquare input X, Y) 10 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10 | 1, 0, 1, 0 1, 0, 1, 0, 1 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1 1, 0, 1 WAP) that will take N numbers as inputs and compute their average. Sample output | | | | | |

| lг | Write a program (WAP) that will revers | | | | | |
|----------------|---|--|----------------------------------|-------------------------|--|--|
| | Sample input | | Sample output | | | |
| l L | 13579 | | 97531 | | | |
| L | 4321 | | 1234 | | | |
| T _V | Write a program (WAP) that will give the sum of first Nth terms for the following series. | | | | | |
| | 1, -2, 3, -4, 5, -6, 7, -8, 9, -10, 11, -12, 13, -14, | | | | | |
| lг | Sample input | | Sample output | | | |
| | 2 | | Result: -1 | | | |
| | 3 | | Result: 2 | | | |
| ΙГ | | | Result: -2 | | | |
| | , -, -, -, -, -,, | 1, 34, 55, 89, | | | | |
| - | | Sample output | | | | |
| | Sample input | | | | | |
| | Sample input | | | | | |
| | Sample input | Sample output | | | | |
| | Sample input 1 2 | Sample output 1 1, 1 | | | | |
| | Sample input 1 2 4 7 | Sample output 1 1, 1 1, 1, 2, 3 1, 1, 2, 3, 5, 8, 13 | the factorial (N1) of a given nu | umbar N. Plansa saa tha | | |
| 0 W | Sample input 1 2 4 7 | Sample output 1 1, 1 1, 1, 2, 3 1, 1, 2, 3, 5, 8, 13 WAP) that will print | the factorial (N!) of a given nu | imber N. Please see the | | |
| 10 W sa | Sample input 1 2 4 7 Vrite a program (V | Sample output 1 1, 1 1, 1, 2, 3 1, 1, 2, 3, 5, 8, 13 WAP) that will print it. | the factorial (N!) of a given nu | mber N. Please see the | | |
| 0 W sa | Sample input 1 2 4 7 Vrite a program (Vample input output) Sample input | Sample output 1 1, 1 1, 1, 2, 3 1, 1, 2, 3, 5, 8, 13 WAP) that will print at. San 1! = | mple output = 1 = 1 | imber N. Please see the | | |
| 10 W sa | Sample input 1 2 4 7 Vrite a program (Vample input output) Sample input | Sample output 1 | mple output | umber N. Please see the | | |