**Single dimension Programs**

**Write Question, 2 comments, variable description and output of each program**

1. Write a program to store 10 numbers in array A and 10 numbers in array B . Print array C.

C[ ]=A[ ]\*B[ ]

1. Write a program to store n numbers in an array and print their sum, product and average.
2. Write a program to store name, employee code and basic salary of each employee of the company in 3 different arrays. Calculate net salary and store in 4th array.

Net salary-gross salary – PF(Provident fund)

HRA(house rent allowance )=20% of basic

DA(dearness allowance)=30%of basic

PF=5% 0f basic

Gross Salary= basic + HRA + DA

i. print name of the employees getting gross above 70,000 each month.

ii. print all the details (Name ,code, net salary)

iii. print employee code of employees where basic is above 15,000

1. Write a program to enter 10 numbers in an array. Shift all the odd numbers in another array. Return the array of odd numbers where function prototype is ‘ int [ ] oddnumber( ) ‘
2. Write a program to print the smallest number stored in an array.

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