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Batch – 23.1

Group A

Degree -SE

# **Practical 06**

01)  
  
#include <stdio.h>

int main()  
{

int a[10],min=0,max=0,sum=0;

float avg;  
for(int i=0;i<10;i++)  
{

printf("Enter a number");

scanf("%d",&a[i]);

sum+=a[i];

}  
max=a[0];

min=a[0];

avg=sum/10;

int i;

for(i=0;i<10;i++);

{  
if(a[i]>max)

{

max=a[i];

}

if(a[i]<min)

{

min=a[i];

}

}  
printf("max is %d\n",max);

printf("min is %d\n",min);

printf("Avarage is %.2f\n",avg);

for(int i=9;i>=0;i--)  
{

printf("%d\n",a[i]);

}

}

02)  
#include <stdio.h>

int main()  
{

int s,scSum1=0,scSum2=0;

printf("Enter the array size");

scanf("%d",&s);  
int a[s],b[s];

printf("\n 1st Array\n");

for(int i=0;i<s;i++)  
{

printf("Enter elements");

scanf("%d",&a[i]);

}

printf("\n 2nd Array\n");

for(int i=0;i<s;i++)

{  
printf("Enter elements");

scanf("%d",&b[i]);

}  
for(int i=0;i<s;i++)

{

scSum1+=a[i];

scSum2+=b[i];

}

int vecSum[s];

for(int i=0;i<s;i++)

{

vecSum[i]=a[i]+b[i];

}

printf("Scalar sum of 1st array is %d\n",scSum1);

printf("Scalar sum of 2nd array is %d\n\n",scSum2);

for(int i=0;i<s;i++)  
{

printf("%d\n",vecSum[i]);

}

}