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**Roll No.- 42**

## **EXPERIMENT NO.1**

### **Source Code:-**

```
void main()
{
    int n,i,j,temp;
    int a[30];
    printf("\nEnter no. of element");
    scanf("%d",&n);
    printf("\nEnter Elements");
    for(i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
    }
    for(i=1;i<n;i++)
    {
        j=i;
        while(j>0 && a[j-1]>a[j])
        {
            temp=a[j];
            a[j]=a[j-1];
            a[j-1]=temp;
            j--;
        }
    }
    printf("\nSorted List");
    for(i=0;i<n;i++)
    {
        printf("%d",a[i]);
    }
}
```

### **Output:-**

Enter no. of element 5

Enter Elements 12 65 32 90 28  
Sorted List 1228326590