```
1) #include<iostream>
 #include<stdlib.h>
 #includ <time.h>
 Using namespace std;

Void sortA (int*, int);
~~Void sortB (int*,~~
Void sort B (float*, int);
float sum (int&, float&);
Void merge (int[], int, ~~int~~ float[], int);
void print (float[], int);


int main()
{   srand(time(0));
    int a, b;
    cout << "Enter the size of array A: ";
    Cin >> a;
   Cout << "Enter the size of array B: ";
   Cin >> b;
   int* A = new int [a];
   float* B = new float [a+b];

   for(int i=0; i<a; i++)
   {
      *A = rand() % 100;
      A++;
   }
   A = A-a; // to ~~rest~~ reset the pointer.
```

```
for (int i=0; i<b; i++)
{   *B = float(rand()%100);
     B++
}
 B = B-b;

for (int i=0; i<a; i++)  // to see the input works.
{   cout << *A << "\n";
     A++;
}
 A = A-a;
for (int i=0; i<a; i++)
{ cout << *B << "\n";
    B++;
}
 B = B-b;
 SortA(A,a);
 SortB(B,b);
 cout << "The largest element in A = " << A[0];
 Cout << "\n The smallest element in B = " << A[b-1];
 int x = A[0];
 float y = B[b-1];
cout << " The largest element in A = " << x;
cout << " The smallest element in B = " << y;
```

```
float S;
S = sum(x, y);
cout << "The sum of x and y = " << S;
merge(A, a, B, ~~(a+b)~~ b);
Print(B, (a+b));
}
delete[] A;
delete[] B;
return 0;
}
void sortA(int* a, int n)
{ int temp;
  for(int i=0; i<n; i++)
  {
    for(int j=0; j<n; j++)
    { if(a[j+1] > a[j]{
        temp = a[j];
        a[j] = a[j+1];
        a[j+1] = temp;
      }
    }
  }
}
```

```
Void sortB (float *b, int n)
{  float temp;
    for (int i=0 ; i<n ; i++)
      { for (int j=0 ; j<n ; j++)
          { if ( b[j+1] > b[j])
              { temp = b[j]
                b[j] = b[j+1]
                b[j+1] = temp
              }
          }
      }
}

float sum ( int & a , int & b) float & b)
{    float sum = float(a) + b;
     return sum;
}

void merge (int a[] , int x, float b[] , int y)
{ int c=0;
      for (int i=y ; i< x+y ; i++)
        {  b[i] = a[c] ;
           c++
        }
}
Void print ( float b[], int x)
{   for (int i=0 ; i<x ; i++)
      { cout << b[i] ;
      }
}
```

(2)

```
#include<iostream>
#include<stdlib.h>
Using namespace std;
int main()
{   int n;
    cout << "Enter the size of array:";
    cin >> n;
    for
    int a[n];
    for (int i=0; i<n;i++)
     {   a[i] = rand()%100;
         a[i] = rand()%100;
     }
    comp(
    int* p = a;
    comp(p, n);
    return 0;
}
void comp (int* p, int n)
{   int sum = 0;
      sum = sum
      for(int i=0;i<n;i++)
       { sum = sum + (*p);
         p++;
       }
      cout << "sum =" << sum;
}
```