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Q1: Write a C++ program to find the largest three elements in an array.

#include <iostream>

using namespace std;

int main() {

int arr[10] = { 60, 56, 81, 3, 45, 12, 10, 34, 8, 1 };

int tmp;

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

for (int j = i + 1; j < 10; j++) {

if (arr[i] < arr[j]) {

tmp = arr[i];

arr[i] = arr[j];

arr[j] = tmp;

}

}

}

for (int i = 2; i >= 0; i--) {

cout << arr[i] << " ";

}

return 0;

}

Q2: Write a C++ program to find second largest element in a given array of integers.

#include <iostream>

using namespace std;

int main() {

int arr[10] = {60, 56, 81, 3, 45, 12, 10, 34, 8, 1};

int tmp;

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

for (int j = i+1; j < 10; j++) {

if (arr[i] < arr[j]) {

tmp = arr[i];

arr[i] = arr[j];

arr[j] = tmp;

}

}

}

cout << arr[1];

return 0;

}

Q3: Write a C++ program to find k largest elements in a given array of integers.

#include <iostream>

using namespace std;

int main() {

int arr[10] = {60, 56, 81, 3, 45, 12, 10, 34, 8, 1};

int tmp, range;

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

for (int j = i+1; j < 10; j++) {

if (arr[i] < arr[j]) {

tmp = arr[i];

arr[i] = arr[j];

arr[j] = tmp;

}

}

}

cout << "Enter The N Largest Elements In Range 1 To 10: ";

cin >> range;

for (int i = range-1; i >= 0; i--) {

cout << arr[i] << " ";

}

return 0;

}

Q4: Write a c++ program to find sum of all element of array.

#include <iostream>

using namespace std;

int main() {

int arr[10] = { 60, 56, 81, 3, 45, 12, 10, 34, 8, 1 };

int sum = 0;

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

sum = sum + arr[i];

}

cout << "Sum: " << sum;

return 0;

}

Q5: Write a c++ program to print all element of array in reverse.

#include <iostream>

using namespace std;

int main() {

int arr[10] = { 60, 56, 81, 3, 45, 12, 10, 34, 8, 1 };

int sum = 0;

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

cout << arr[i] << " ";

}

return 0;

}