Practical 6

#include <stdio.h>

int main() {

int arr[10];

int i;

int sum = 0;

int min\_val, max\_val;

// Input values to the array

printf("Enter 10 values:\n");

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

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

sum += arr[i];

}

// Find the minimum and maximum value

min\_val = max\_val = arr[0];

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

if (arr[i] < min\_val) {

min\_val = arr[i];

}

if (arr[i] > max\_val) {

max\_val = arr[i];

}

}

// Find the average value

float avg\_val = (float)sum / 10;

// Reverse the order of values

printf("Reverse order of values:\n");

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

printf("%d ", arr[i]);

}

// Print the results

printf("\nMinimum value: %d\n", min\_val);

printf("Maximum value: %d\n", max\_val);

printf("Average value: %.2f\n", avg\_val);

return 0;

}