TASK 1:

#include<iostream>

using namespace std;

int p[4];

int M;

void readaaray() {

for (int i = 0; i < 30; i++) {

cin >> p[i];

}

}

void findevensum() {

int i, oddSum = 0, evenSum = 0;

for (i = 0; i < 30; i++) {

if (p[i] % 2 == 0) {

evenSum = evenSum + p[i];

}

}

cout << "THE EVEN SUM IS: " << evenSum << endl;

}

void Print3Smallest()

{

int MAX = 1000;

int firstmin = MAX, secondmin = MAX, thirdmin = MAX;

for (int i = 0; i < 30; i++)

{

if (p[i] < firstmin)

{

thirdmin = secondmin;

secondmin = firstmin;

firstmin = p[i];

}

else if (p[i] < secondmin)

{

thirdmin = secondmin;

secondmin = p[i];

}

else if (p[i] < thirdmin)

thirdmin = p[i];

}

cout << "The Third Lowest number in the array is : " << thirdmin << endl;

}

void findgreater() {

cin >> M;

for (int i = 0; i < 30; i++) {

while (p[i] > M) {

cout << p[i];

}

}

}

void reversevalues() {

cout << "The Array is:" << endl;

for (int i = 0; i < 30; i++)

cout << p[i] << " ";

cout << endl;

cout << "The Reverse of Array is: " << endl;

for (int i = (30 - 1); i >= 0; i--)

cout << p[i] << " ";

cout << endl;

}

void displayaboveaverage() {

int i, count, sum;

float average;

sum = 0;

for (i = 0; i < 30; i++) {

sum += p[i];

}

average = (float)sum / 30;

cout << "The Average is : " << average << endl;

}

int main() {

readaaray();

findevensum();

Print3Smallest();

findgreater();

reversevalues();

displayaboveaverage();

}

Task 3: