4.1 - Labs (1)

* **Lab 4.1.9 (1) - Multi-dimensional arrays of variable length [B]**

#include <iostream>

#include<cstdlib>

#include<ctime>

using namespace std;

int main()

{

float n, cu, gr, sum = 0, sumf = 0;

double fin;

cout << "How much Courses? ";

cin >> n;

cout << endl;

if (n <= 5)

{

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

{

cout << "Courses " << i + 1 << " grades: ";

cin >> cu;

if (cu <= 10)

{

cout << "Enter " << cu << " marks:" << endl;

for (int j = 0; j < cu; j++)

{

cin >> gr;

if (gr <= 5)

sum += gr;

else

{

cout << "Error, try again" << endl;

break;

}

}

fin = sum / cu;

cout << "Final: " << fin << endl;

sum = 0;

sumf += fin;

}

else

{

cout << "Error, try again" << endl;

break;

}

}

cout << "Overall final: " << sumf / n << "\n\n";

}

return 0;

}

