תרגיל 1:

// Online C++ compiler to run C++ program online

#include <iostream>

using namespace std;

double Targil1(double nums[], double weights[]){

double sum = 0.0;

double devider = 0.0;

for(int i = 0; i < 4; i++)

{

sum += nums[i] \* weights[i];

devider += weights[i];

}

return sum/devider;

}

int main() {

double Weights[] = {0.2,0.3,0.4,0.5};

double Nums[] = {2,3,4,5};

cout << Targil1(Nums,Weights) << endl;

return 0;

}

תרגיל 2

// Online C++ compiler to run C++ program online

#include <iostream>

using namespace std;

bool Targil2(int\* ptr, int size = 3);

int main() {

int arr[] = {3,5,7,9,11};

int\* ptr = arr;

if(Targil2(ptr))

cout << "is good!";

else

cout << "not good :(";

return 0;

}

bool Targil2(int\* ptr, int size)

{

int i = 0;

bool isGood = true;

int diffrence = ptr[1] - ptr[0];

for(int i = 0; i < size - 1; i++)

{

if(ptr[i+1] - ptr[i] != diffrence)

isGood = false;

}

return isGood;}

תרגיל 3

// Online C++ compiler to run C++ program online

#include <iostream>

using namespace std;

string Targil3(string Sentance, int\* Length)

{

char words[];

int wordCounter = 0;

int i = 0;

while(Sentance[i] == NULL)

{

if(isspace(Sentance[i]))

wordCounter++;

else

words[wordCounter] += Sentance[i];

}

\*Length = wordCounter + 1;

return words;

}

int main() {

string Sentance = "ok test wow kfir";

int\* arrLength;

string arr[] = Targil3(Sentance,arrLength);

for(int i = 0; i < \*arrLength; i++)

cout << arr[i];

return 0;

}