/\*\*

Computes the average of all odd elements in the given array.

@param a an array of integers

@param alen the number of elements in a

@return the average of all odd elements in a, or 0 if there are none.

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#include<iostream>

using namespace std;

double oddavg(int\* , int);

int main()

{

double avg;

int a[10] = {-2,6,-3};

int alen;

alen = (sizeof(a)/sizeof(a[0]));

avg = oddavg(a, alen);

return 0;

}

double oddavg(int a[], int alen)

{

double sum=0;

double avg;

double count=0;

double count\_odd=0;

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

{

if(a[i]%2!=0)

{

count++;

}

}

if(count>0)

{

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

{

if(a[i]%2!=0)

{

sum = sum+a[i];

count\_odd++;

}

}

avg = sum/count\_odd;

return avg;

}

else

{

return 0;

}

}

#include <iostream>

using namespace std;

#include <cstring>

/\*\*

Return a string that mixes the characters in strings a and b.

If one string is longer than the other, append the suffix.

For example, mixing "San" and "Francisco" yields "SFarnancisco".

\*/

string mix(string a,string b);

int main()

{

string str1 = "san";

string str2 = "Francisco";

mix(str1,str2);

return 0;

}

string mix(string a, string b)

{

char x[a.size()];

char y[b.size()];

int length = a.length()+b.length();

cout<<"length:"<<length;

char str3[length];

if(a!=b)

{

cout<<"a:"<<a<<endl;

cout<<"b:"<<b<<endl;

for(int i=0;i<(a.size());i++)

{

x[i] = a[i];

cout<<x[i];

}

for(int i=0;i<(b.size());i++)

{

y[i] = b[i];

cout<<y[i];

}

for(int i=0;i<length;i+2)

{

str3[i]=a[i];

str3[i+1]=b[i+1];

cout<<"str3:"<<endl;

}

}

}