UAS PEMROGRAMAN DASAR

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KELAS D

LINK GITHUB: https://github.com/RidhoMulyawan/UAS.git

#include <iostream>

using namespace std;

int main(){

float x[100],y[100],xy[100],x2[100],y2[100],korelasi,r;

int i,banyak,sigmax,sigmay,sigmaxy,sigmax2,sigmay2;

cout<<"Masukkan banyak data: ";

cin>> banyak;

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

sigmax=0;

sigmay=0;

sigmaxy=0;

sigmax2=0;

sigmay2=0;

cout<<"Masukkan nilai x: ";

cin>>x[i];

cout<<"Masukkan nilai y: ";

cin>>y[i];

xy[i]=x[i]\*y[i];

cout<<"Hasil kali x dan y"<<" "<< xy[i]<<endl;

x2[i]=x[i]\*x[i];

cout<<"Hasil x^2: "<< " "<< x2[i]<<endl;

y2[i]=y[i]\*y[i];

cout<<"Hasil y^2: "<< " "<< y2[i]<<endl;

}

for (i=0 ; i<banyak ; i++)

{

sigmax=sigmax+x[i];

sigmay=sigmay+y[i];

sigmaxy=sigmaxy+xy[i];

sigmax2=sigmax2+x2[i];

sigmay2=sigmay2=y2[i];

}

cout<<"total sigma X adalah"<<sigmax<<endl;

cout<<"total sigma Y adalah"<<endl;

cout<<"total sigmaxy"<<sigmaxy<<endl;

cout<<"total sigmax^2"<<sigmax2<<endl;

cout<<"total sigma y^2"<<sigmay2<<endl;

if (r<0.09)

{

cout << "Hubungan korelasi diabaikan"; cin >> korelasi;

}

if (r<0.29)

{

cout << "Hubungan korelasi rendah"; cin >> korelasi;

}

if (r<0.49)

{

cout << "Hubungan korelasi moderat"; cin >> korelasi;

}

if (r<0.70)

{

cout << "Hubungan korelasi sedang"; cin >> korelasi;

}

if (r>0.70)

{

cout << "Hubungan korelasi sangat kuat"; cin >> korelasi;

}

}







