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#include<iostream>

using namespace::std;

int hitung(int x,int y){

if(y==0)

return 0;

else

return x%y;

}

void selectionsort(int a[],int n){

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

{int minidex=i;

for(int j=i+1;j<n;j++){

if(a[j]>a[minidex]){

minidex=j;

}

}

swap(a[minidex],a[i]);

}

}

main()

{

int x,y;

cout<<"perhitungan modulus";

cout<<"\nmasukkan nilai x=";cin>>x;

cout<<"masukkan nilai y=";cin>>y;

cout<<"\nhasil="<<hitung(x,y);

int a[]={5,2,3,1,4};

int n=5;

cout<<"\nselectionsort";

cout<<endl;

selectionsort(a,n);

for(int i=0;i<5;i++){

cout<<""<<a[i];

}

int size;

cout<<"\nsorting array";

cout<<"\nmasukkan nilai=";cin>>size;

int array[size];

for(int index=0;index<size;index++){

cin>>array[index];

}

for(int t=0;t<size;t++){

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

if(array[k]>array[k+1]){

int tmp =array[k];

array[k]=array[k+1];

array[k+1]=tmp;

}

}

}

for(int index=0;index<size;index++){

cout<<array[index]<<"";

}

}

