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#include<iostream.h>
#include <stdlib.h>
#include <time.h>

#define spt 20
void NhapMang(int a[], int n);
void XuatMang(int a[], int n);
long TongMang(int a[], int n);
bool KTrSNTTo(int n);
void XuatSoNguyenTo(int a[], int n);

void main()
{
    int a[spt];
    int n;
    cout<<"Nhap so pt";
    cin>>n;
    NhapMang(a,n);
    XuatMang(a,n);
    cout<<"\n Tong mang la:" <<TongMang(a,n);
    cout<<"\n Cac so nguyen to trong mang\n";
    XuatSoNguyenTo(a,n);

}
void XuatSoNguyenTo(int a[], int n)
{
    for (int i=0 ;i<n; i++)
        if (KTrSNTTo(a[i])==true)
            cout<<a[i] <<" ";
}
bool KTrSNTTo(int n)
{
    int dem=0;
    for (int i=1 ; i<=n; i++)
        if (n%i==0)
            dem++;

    return (dem==2);
}

void NhapMang(int a[], int n)
{
    srand( time(NULL) );
    for (int i=0 ; i<n; i++)
    {
        //cout<<"Nhap a[" <<i <<"]="";
        //cin>>a[i];//nhap
        a[i]=rand()%30;
    }
}
void XuatMang(int a[], int n)

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{
int dem =0;
for (int j=0 ; j<n; j++)
{
cout<<a[j]<<"\t";//xuât
dem +=1;
if (dem%5==0)
cout<<endl;
}
}
long TongMang(int a[], int n)
{
int t;
for(int i=0; i<n;i++)
t=t+a[i];
return t;
}
```