

// This program is to search through an array in order to see if any of arrays are repeated. -
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```
#include <iostream>
using namespace std;

int main()
{
    int Fenty[5]={ 1,3,4,5,3};

    if(Fenty[0]==Fenty[1])
    {
        cout<<"Repeated"<<endl;
    }
    else
    cout<<"Not repeated"<<endl;

    if(Fenty[0]==Fenty[2])
    {
        cout<<"Reapted 2"<<endl;
    }
    else
    cout<<"Not repeated 2"<<endl;

    if(Fenty[0]==Fenty[3])
    {
        cout<<"Repeated 3"<<endl;
    }
    else
    cout<<"Not repeated 3"<<endl;

    if(Fenty[0]==Fenty[4])
    {
        cout<<"Reapeted 4"<<endl;
    }
    else
    cout<<"Not repeated 4";
    //-----
    if(Fenty[1]==Fenty[2])
    {
        cout<<"(set 2) Repeated"<<endl;
    }
}
```

```
else
cout<<"(set 2) Not repeated"<<endl;

if(Fenty[1]==Fenty[3])
{
    cout<<"Reapted 2"<<endl;
}
else
cout<<"Not repeated 2"<<endl;

if(Fenty[1]==Fenty[4])
{
    cout<<"Repeated 3"<<endl;
}
else
cout<<"Not repeated 3"<<endl;

//-----
if(Fenty[2]==Fenty[3])
{
    cout<<"(Set 3)Repeated"<<endl;
}
else
cout<<"(Set 3) Not repeated"<<endl;

if(Fenty[2]==Fenty[4])
{
    cout<<"Reapted 2"<<endl;
}
else
cout<<"Not repeated 2"<<endl;
//-----
if(Fenty[3]==Fenty[4])
{
    cout<<"(Set 4) Repeated 3"<<endl;
}
else
cout<<"Set 4) Not repeated 3"<<endl;

return 0;
```

}

/*

Output:

Not repeated

Not repeated 2

Not repeated 3

Note repeated 4(set 2) Not repeated

Not repeated 2

Repeated 3

(Set 3) Not repeated

Not repeated 2

Set 4) Not repeated 3

*/