Assignment: Separating Array Items

Thursday, March 10, 2022   2:25 PM

```javascript
var U = [2, 12, "hello", new Date(), 17, 21, "world"];


//write a program to separate the list into two lists numbers and others.
var numbers=[];
var others=[];

for(var value of U)
{
    if(!isNaN(value))  //if it is a number. isNaN considers date to be  number.
        numbers.push(value);
    else
        others.push(value);
}


//display the two lists

console.log('others',others);
console.log('numbers',numbers);
```

- isNaN should work for everything.
- But internally date is stored as a number that is ms ellapsed since 1/1/1970

- IsNaN considers 'date' to be number
  - It is not reliable to check for pure numbers