

717821D156 – SUKUNA D

MINIPROJECT WEEK2:

PERSONAL LIBRARY:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <script>
    let library=Array();
    function addbook(book)
    {
      library.push(book);
    }
    function removelastbook()
    {
      library.pop();
    }
    function addbooktofront(book)
    {
      library.unshift(book);
    }
    function removefirstbook()
    {
      library.shift();
    }
    function getalltitle()
    {
      let alltitle=library.map(n=>n.title);
      console.log(alltitle);
    }
    function getbookbyauthor(author)
    {
      let specificaauthor=library.filter(n=>n.author==author);
      console.log(specificaauthor);
    }
    function readstatus(status)
    {
      let readstate=library.filter(n=>n.status==status);
      console.log(readstate);
    }
  </script>

```

```

}
function getsublibrary(start,end)
{
let sub=library.slice(start,end);
console.log(sub);
}

let b1={
title:"Don't Believe Everything You Think",
author:"Joseph Nguyen",
yearpub :2021,
status:"read"
}
let b2={
title:"Think Like A Monk",
author:"Jay Shetty",
yearpub :1891,
status:"unread"
}
let b3={
title:" The Art Of Saying NO",
author:"Damon Zahariades",

yearpub :2008,
status:"read"
}
function getsummary(book)
{
console.log(book.title+"presented by "+book.author+" in the year of "+book.yearpub);
}
function togglereadstatus(book)
{
console.log(book.status);
}
addbook(b2);
addbooktofront(b1);
addbook(b3);
console.log("summary of all book");
console.log(`${getsummary(b1)} \n ${getsummary(b2)} \n ${getsummary(b3)}`);

console.log("the book presented in library");
getalltitle();

console.log("book wrote by Joseph Nguyen");
getbookbyauthor("Joseph Nguyen");

console.log("book those are already readen");

```

```

readstatus("read");

console.log("sub library");
getsublibrary(1,3);
    </script>
</body>
</html>

```

OUTPUT:

```

summary of all book
Don't Believe Everything You Thinkpresented by Joseph Nguyen in the year of 2021
Think Like A Monkpresented by Jay Shetty in the year of 1891
The Art Of Saying NOpresented by Damon Zahariades in the year of 2008
undefined
undefined
undefined
the book presented in library
> (3) ['Don't Believe Everything You Think', 'Think Like A Monk', ' The Art Of Saying NO']
book wrote by Joseph Nguyen
✓ (1) [{...}]
> 0: {title: 'Don't Believe Everything You Think', author: 'Joseph Nguyen', yearpub: 2021, status: 'read'}
  length: 1
> [[Prototype]]: Array(0)
> [[Prototype]]: Object
book those are already readen
✓ (2) [{...}, {...}]
> 0: {title: 'Don't Believe Everything You Think', author: 'Joseph Nguyen', yearpub: 2021, status: 'read'}
> 1: {title: ' The Art Of Saying NO', author: 'Damon Zahariades', yearpub: 2008, status: 'read'}
  length: 2
> [[Prototype]]: Array(0)
> [[Prototype]]: Object
sub library
✓ (2) [{...}, {...}]
> 0: {title: 'Think Like A Monk', author: 'Jay Shetty', yearpub: 1891, status: 'unread'}
> 1: {title: ' The Art Of Saying NO', author: 'Damon Zahariades', yearpub: 2008, status: 'read'}
  length: 2
> [[Prototype]]: Array(0)
> [[Prototype]]: Object

```