**PAC**

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| --- | --- |
| **Give Data** | **Required Results** |
| 1. Book\_id 2. Book\_name | 1. books\_borrowed  2. books\_Return  3 display\_books |
| **Process** | **Solution** |
| 1. borrowed  Search book\_id[i][1]  If found a book\_id[i][1]  Book\_id[i][3] = 0  2. return  Search book\_id[i][1]  If found a book\_id[i][1]  Book\_id[i][3] = 1  3.display\_books  Output list of book | Arrays 2 dimension  file |

**Structure chart**

book

0000

PROCESS3000

PRINT

7000

READ

2000

INT

1000

DISPLAY

6000

BORROWED

4000

RETURN

5000

**IPO**

|  |  |  |  |
| --- | --- | --- | --- |
| **Input** | **Process** | **Module reference number** | **Output** |
| 1. book\_id  2. book\_name | 1. Enter id 2. process   2.1 borrowed  2.2 return  2.3 displays  3. Output | 1000  3000  4000  5000  6000  7000 | book\_id  book\_name  book\_status |