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Java Assessment1 10-10-2019

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/ Extract Book Details

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Extract Book Details

In the central library of a University, all books are having a unique identification number printed as a sticker and pasted on its cover. The eighteen digits in a unique identification number possess the book details. Extract those details and display them. The first three digits represent the department code. The next four digits represent the year of publication. The next five digits represent the number of pages in the book. Last six digits represents the book Id which should have a character(case-insensitive) followed by five-digit number.

Note:

- The input string should have exactly 18 characters. Otherwise, print "Invalid Input"

- The department name for the respective department code is given below. If the department code from input is other than the given, then display "Invalid Department Code"

Department Code	Department Name
101	Accounting
102	Economics
103	Engineering

- The year of publication from the input must be in between 1900 to 2020, otherwise display "Invalid Year"

- The number of pages in the book must be at-least 10, otherwise display "Invalid Pages"

- The book Id which should have a character followed by five digit number, otherwise display "Invalid Book Id"

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Please do not use System.exit(0) to terminate the program.

Sample Input 1:

103200500846G75001

Sample Output 1:

Department Code: 103

Department Name: Engineering

Year of Publication: 2005

Number of Pages: 846

Book Id: G75001

Sample Input 2:

102201500026y23115

Sample Output 2:

Department Code: 102

Department Name: Economics

Year of Publication: 2015

Number of Pages: 26

Book Id: y23115

Sample Input 3:

200500846G75001

Sample Output 3:

Invalid Input

Sample Input 4:

107201500026123115

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display the first occurred invalid message.

Sample Input 5:

104222200846G75001

Sample Output 5:

Invalid Year

Sample Input 6:

105201500006Y23115

Sample Output 6:

Invalid Pages

Sample Input 7:

107200500006775775

Sample Output 7:

Invalid Book Id

Requested files

Main.java

```java
 1 import java.util.*;
 2
 3 public class Main{
 4
 5     public static void main(String[] args){
 6
 7         Scanner sc=new Scanner(System.in);
 8
 9         //Fill the code here
10
11
12     }
13 }
```

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