

## CCS Practical - Understanding of Operators

The following command will display the Book1 table from the LibraryReport database that we created in the previous chapter.

**CODE:**

```
USE LibraryReport;  
SELECT * FROM Book1;
```

**OUTPUT:**

Book_ID	Title	Author	Book_Issue_Date	Edition_Number	Student_ID
102	Robinson Crusoe	Daniel Defoe	2021-12-03	3	S002
109	Malgudi Days	R.K. Narayan	2021-10-10	4	S027
112	A Tale of Two Cities	Charles Dickens	2021-10-03	1	S009
121	The Hobbit	J.R.R. Tolkien	2021-11-23	1	S008
176	The Adventures of Sherlock Holmes	Conan Doyle	2021-10-03	2	S015
199	The Hound of the Baskervilles	Conan Doyle	2021-11-13	3	S025
201	David Copperfield	Charles Dickens	2022-10-03	1	S001
205	Oliver Twist	Charles Dickens	2021-01-03	4	S011

NOTE: We will try some examples of Logical Operators. Add the example's code in line number 3 after adding the above 2 lines of code. After getting the output from each example, remove line number 3 and add a new example line at number 3 again and get the output.

## Examples Of Logical Operators

### AND Operator Example:

CODE:

```
SELECT *FROM Book1 WHERE Author='Charles Dickens' AND Title='Oliver Twist';
```

OUTPUT:

Book_ID	Title	Author	Book_Issue_Date	Edition_Number	Student_ID

### OR Operator Example:

CODE:

```
SELECT *FROM Book1 WHERE Author='Charles Dickens' OR Title='Malgudi Days';
```

OUTPUT:

Book_ID	Title	Author	Book_Issue_Date	Edition_Number	Student_ID

## IN Operator Example:

**CODE:**

```
SELECT * FROM Book1 WHERE Book_ID IN ('201', '205');
```

**OUTPUT:**

Book_ID	Title	Author	Book_Issue_Date	Edition_Number	Student_ID

## NOT IN Operator Example:

**CODE:**

```
SELECT * FROM Book1 WHERE Book_ID NOT IN ('201', '205');
```

**OUTPUT:**

Book_ID	Title	Author	Book_Issue_Date	Edition_Number	Student_ID