

Muhammad Usman Naeem
BigData Part 1

>>>

```

    first    last
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
4      Dan   Quirk
5  Alexander Wald
    isbn
0  0135404673    Intro to Python for CS and DS      1    2020
1  0132151006    Internet & WWW How to Program      5    2012
2  0134743350          Java How to Program      11    2018
3  0133976890          C How to Program           8    2016
4  0133406954  Visual Basic 2012 How to Program      6    2014
5  0134601548          Visual C# How to Program      6    2017
6  0136151574          Visual C++ How to Program     2    2008
7  0134448235          C++ How to Program      10    2017
8  0134444302          Android How to Program       3    2017
9  0134289366          Android 6 for Programmers    3    2016
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0  1  0134289366
1  2  0134289366
2  5  0134289366
3  1  0135404673
4  2  0135404673
    first    last
0      Paul  Deitel
1      Harvey Deitel
2      Abbey Deitel
3      Dan   Quirk
4  Alexander Wald
    title    edition    copyright
0  Intro to Python for CS and DS      1    2020
1          Java How to Program      11    2018
2      Visual C# How to Program      6    2017
3          C++ How to Program      10    2017
4      Android How to Program       3    2017
    first    last
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
this
    first    last
id
3  Abbey  Deitel
```

	title
0	Android 6 for Programmers
1	Android How to Program
2	C How to Program
3	C++ How to Program
4	Internet & WWW How to Program
5	Intro to Python for CS and DS
6	Java How to Program
7	Visual Basic 2012 How to Program
8	Visual C# How to Program
9	Visual C++ How to Program
	first last

id	first	last
3	Abbey	Deitel
2	Harvey	Deitel
1	Paul	Deitel
4	Dan	Quirk
5	Alexander	Wald
	first	last

id	first	last
5	Alexander	Wald
4	Dan	Quirk
3	Abbey	Deitel
2	Harvey	Deitel
1	Paul	Deitel

	isbn	title	edition	copyright
0	0134444302	Android How to Program	3	2017
1	0133976890	C How to Program	8	2016
2	0134448235	C++ How to Program	10	2017
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6	0134601548	Visual C# How to Program	6	2017
7	0136151574	Visual C++ How to Program	2	2008

	first	last	isbn
0	Abbey	Deitel	0132151006
1	Abbey	Deitel	0133406954
2	Harvey	Deitel	0134289366
3	Harvey	Deitel	0135404673
4	Harvey	Deitel	0132151006
	first	last	

id	first	last
1	Paul	Deitel
2	Harvey	Deitel
3	Abbey	Deitel
4	Dan	Quirk
5	Alexander	Wald
6	Sue	Red
1		
	first	last

```
id
1      Paul  Deitel
2      Harvey Deitel
3      Abbey Deitel
4      Dan   Quirk
5  Alexander Wald
6      Sue   Black
```

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1
      first  last
```

```
id
1      Paul  Deitel
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3      Abbey Deitel
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