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| Sr. no. | Python 2 | Python 3 |
| 1 | It is legacy | It is future |
| 2 | It rounds up calculations to the nearest whole no. e.g. 5/2 = 2 | Improved integer division  5/2= 2.5 |
| 3 | Here print function is print”” e.g. print”hello” | Here the print function has been replaced with print() function e.g. print(“hello”) |
| 4 | Implicit str type is ASCII | Implicit str type is Unicode |
| 5 | The usage of xrange() is very popular in Python 2.x for creating an iterable object, e.g., in a for-loop or list/set-dictionary-comprehension. | In Python 3, the range() was implemented like the xrange() function so that a dedicated xrange() function does not exist anymore (xrange() raises a NameError in Python 3). |