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| **Point of Comparsion** | **Python3.x** | **Python2.x** |
| Print Function | print ("hello world") | print "hello world" |
| Unicode | In Python 3, default storing of strings is Unicode. | To store Unicode string value, you require to define them with "u". |
| Iteration | The new Range() function introduced to perform iterations. | In Python 2, the xrange() is used for iterations. |
| Exceptions | It should be enclosed in parenthesis. | It should be enclosed in notations. |
| Library | Many recent developers are creating libraries which you can only use with Python 3. | Many older libraries created for Python 2 is not forward-compatible. |
| Arithemetic Operations | 5/2= 2.5 | 5/2= 2 |
| Storage | Strings are stored as UNICODE values | Strings are stored as ASCII values |