**Creating New Files**

1. How to Create and Write to a File in Python  
     
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**Variables and Printing**

1. Python Print Values & Variables in Python #2  
     
   i83VkP0LHPI

**Arithmetic**

1. Python Tutorial for Beginners Ep. 5: Arithmetic Operators in Python  
     
   HM32Ahxkt-s

**Unit Functions**

1. Python Functions | Python Tutorial for Absolute Beginners #1  
     
   u-OmVr\_fT4s
2. #32 Python Tutorial for Beginners | Functions in Python  
     
   BVfCWuca9nw
3. Python Tutorial for Beginners 8: Functions  
     
   9Os0o3wzS\_I
4. Unit Tests in Python || Python Tutorial || Learn Python Programming  
     
   1Lfv5tUGsn8
5. How To Write Unit Tests For Existing Python Code // Part 2 of 2  
     
   NI5IGAim8XU

**Exception Handling**

1. Python Tutorial: Using Try/Except Blocks for Error Handling  
     
   NIWwJbo-9\_8
2. #63 Python Tutorial for Beginners | Exception Handling

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1. Exceptions in Python || Python Tutorial || Learn Python Programming  
     
   nlCKrKGHSSk
2. Exception Handling Tips in Python ⚠ Write Better Python Code Part 7  
     
   ZsvftkbbrR0
3. Advanced Exception Handling in Python  
     
   ZUqGMDppEDs

**Object Orientated Programming**

1. Python OOP Tutorial 1: Classes and Instances  
     
   ZDa-Z5JzLYM&list=PL-osiE80TeTsqhIuOqKhwlXsIBIdSeYtc&index=1
2. Python OOP Tutorial 2: Class Variables  
     
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3. Python OOP Tutorial 3: classmethods and staticmethods  
     
   rq8cL2XMM5M&list=PL-osiE80TeTsqhIuOqKhwlXsIBIdSeYtc&index=3
4. Python OOP Tutorial 4: Inheritance - Creating Subclasses

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1. Python OOP Tutorial 5: Special (Magic/Dunder) Methods  
     
   3ohzBxoFHAY&list=PL-osiE80TeTsqhIuOqKhwlXsIBIdSeYtc&index=5
2. Python OOP Tutorial 6: Property Decorators - Getters, Setters, and Deleters  
     
   jCzT9XFZ5bw&list=PL-osiE80TeTsqhIuOqKhwlXsIBIdSeYtc&index=6

**SQL Database**

1. Python and MySQL - Getting Started with MySQL  
     
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2. Python and MySQL - Creating our Database and Table  
     
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3. Python and MySQL - Populating our Database and Table  
     
   BfXhZDNlXy8&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=3
4. Python and MySQL - Selecting and Getting Data  
     
   jA1GO6g\_Rw0&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=4
5. Python and MySQL - Query Conditions with WHERE and Wildcards  
     
   OTzL0oH-ZGI&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=5
6. Python and MySQL - Updating Entries and Limiting Queries

W321PFPLcHk&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=6

1. Python and MySQL - Ordering our Queries and Results  
     
   Op2b5XibDgk&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=7
2. Python and MySQL - Deleting Entries and Dropping Tables  
     
   bYbIDccyW8Q&list=PLB5jA40tNf3tRMbTpBA0N7lfDZNLZAa9G&index=8