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| **Java Program** | **Program File Name** |
| To find the sum of all elements in an array | Sum\_of\_array.java |
| To find the prime numbers upto given number by user | Prime\_number\_for\_range.java |
| By accepting email from user, extracting / finding domain of that mail ID. | Email\_domain.java |
| To create an array by accepting size and elements of an array from user | Accepting\_array\_from\_user.java |
| Accepting size and elements of an array from user and sorting them in ascending order | Sorting\_array\_ascending.java |
| Finding webtable total number of column and rows | Webtable\_rows\_column\_count.java |
| To access dynamic data from webtable | Dynamic\_data\_access.java |
| Window handing basic commands | Window\_handle\_basics.java |
| Switching to specific window | Switching\_to\_specific\_tab.java |
| Page scrolling related commands | Scroll\_Commands\_Demo.java |
| Action class related commands | Action\_Class.java |
| Basic use of TestNG framework | TestNGbasic.java |
| Assertion basic implementation | AssertionBasic.java |
| Finding factorial of a user provided number | factorial.java |
| Calendar dynamic data pick up Redbus example | Calender\_Dynamic.java |
| Collection & generics defining and fetching values from it | Collection\_Basic.java |
| List defining and sorting | List\_Basics.java |
| Basics & implementation of Set | Set\_Basics.java |
| Basics & implementation of Map | Map\_Basics.java |
| Constructor Overloading | Constructor\_Overloading.java |
| Example of Encapsulation | Encapsulation.java |
| Example of this keyword | this\_keyward.java |
| Static block | Static\_Block\_And\_Variable.java |
| Example of static method | Static\_Method.java |
| Example of super class | Super\_class.java |
| String class operations | String\_Class.java |
| Taking screenshot | ScreenShot.java |
| Dropdown element selection | Dropdown.java |
| Reading data from excel. Simple Apache POI program | ReadExcel.java |
| Read data from excel and print it using for loop using Apache POI | ReadExcel2.java |
| Creating library of Apache POI and using it by parameterizing | readExcelData.java with ExcelDataConfig.java |
| Try catch finally basics | Try\_catch.java |
| Iterator basics with ArrayList | Iterator.java |
| Lambda Functions in Java 8 | lamda\_expression.java |
| Reversing the user provided string | reversing\_string.java |
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| Printing Fibonacci Series by accepting end number from user | Fibonacci\_Series.java |
| Use of HashMap in selenium | HashMap\_Check.java |
| String Buffer class methods | String\_Buffer.java |
| String class related methods | String\_methods.java |
| Use of @DataProvider annotation in TestNG | DataProvider.java |
| Use of parameter passing from testing.xml | Parameterization\_TestngXML.java |
| Syntax of testng.xml | testng.xml |
| Handling Alerts | AlertDemo.java |
| Running some test cases on one url and some on other from the same scenario | Folder - Runnning\_some\_test\_cases\_on\_different\_browser |
| Taking screenshot of failed test cases using ITestngListener | Folder - Screenshot\_Failed\_Testcases |
| Reading values from config.property file | Folder - config.property |
| Use of base class in automation framework | Folder - Base\_Class\_Use |
| Reading value from excel and putting it in hashmap | Excel\_to\_HashMap.java |
| Reading the complete text file | reading\_complete\_text\_file.java |
| Super keyword example | BaseClass.java & ChildClass.java |
| Taking screenshot of specific image | SpecificImageScreenshot.java |