Days	Name	Durations	Category	Main Category
1	Introduction to Linux for Bioinformatics	22:31	Getting Familiar With Linux	Linux
2	PWD - Print Working Directory	1:26	Getting Familiar With Linux	Linux
3	CD - Changing Directories	5:03	Getting Familiar With Linux	Linux
4	MKDIR - Making Directories	8:12	Getting Familiar With Linux	Linux
5	MV - Moving Files, Directories and Data	5:10	Getting Familiar With Linux	Linux
6	RM - Deleting Files and Directories	1:23	Getting Familiar With Linux	Linux
7	Which & Whereis - Find Programs You Installed	3:43	Getting Familiar With Linux	Linux
8	Find - Finding User Created Files	3:38	Getting Familiar With Linux	Linux
9	LS - Lisiting Files and Directories on Linux	6:45	Getting Familiar With Linux	Linux
10	Piping and Redirection of Data	3:34	Piping and Control Data Flow	Linux
11	Cat - Visualization and Inspection of Text Data	3:55	Pre-processing Biological Datasets	Linux
12	Head - Reading Specified Number of Lines from Top	3:49	Pre-processing Biological Datasets	Linux
13	Tail- Reading Specified Number of Lines from Bottom	2:22	Pre-processing Biological Datasets	Linux
14	Touch - Modifying File Statistics and Creating Files	7:03	Pre-processing Biological Datasets	Linux
15	Stat - Statistics of File & Directories	2:46	Pre-processing Biological Datasets	Linux
16	Wget - Retrieval of Genome Assemblies	6:48	Pre-processing Biological Datasets	Linux
17	Curl - Retrieval of Bioinformatics Files	2:25	Pre-processing Biological Datasets	Linux
18	Vim - Create and Edit Text Files	5:58	Pre-processing Biological Datasets	Linux

19	Diff - Find Sequence Differences in Files	2:34	Pre-processing Biological Datasets	Linux
20	GZIP - Compress and Archive Files Efficiently	6:05	Processing and Analysis of Biological Datasets	Linux
21	GUNZIP - Extract Compressed Content	2:14	Processing and Analysis of Biological Datasets	Linux
22	Tar - Create Archives of Genome Data	4:18	Processing and Analysis of Biological Datasets	Linux
23	Grep - Finding Uncharacterized Proteins in Human Genome	8:55	Processing and Analysis of Biological Datasets	Linux
24	Cut - Subsetting Required Textual Data from Text Files	5:48	Processing and Analysis of Biological Datasets	Linux
25	Sort - Sorting Data	4:22	Processing and Analysis of Biological Datasets	Linux
26	Uniq - Finding Unique Data Items	10:32	Processing and Analysis of Biological Datasets	Linux
27	WC - Statistcs of the Data Within File	2:45	Processing and Analysis of Biological Datasets	Linux
28	CP - Copying Files and Files Contents	3:43	Processing and Analysis of Biological Datasets	Linux
29	Column - Proper Visualiation of Delimited Datasets	4:38	Processing and Analysis of Biological Datasets	Linux
30	Getting Started With Molecular Dyanmics Simulation - Pre-processing of Protein Structure and Removal of Unncessary Structural Features	12:33	Molecular Dynamics Simulations: GROMACS	Linux
31	pdb2gmx - Construction of Topology File for Simulation	9:00	Molecular Dynamics Simulations: GROMACS	Linux
32	Defining a Solvant Box for Simulation	4:14	Molecular Dynamics Simulations: GROMACS	Linux
33	Solvation - Adding Water Molecules in Solvant Box	5:30	Molecular Dynamics Simulations: GROMACS	Linux

34	Generating Input Run File Replacement of Water Molecues With Ions	6:55	Molecular Dynamics Simulations: GROMACS	Linux
35	genion - Replacement of Water Molecules With Ions	4:18	Molecular Dynamics Simulations: GROMACS	Linux
36	Energy Minimization - Relaxing and Fixing the Structure for Simulation	11:25	Molecular Dynamics Simulations: GROMACS	Linux
37	GRACE - Visualization and Analysis of Minimized Structure	4:11	Molecular Dynamics Simulations: GROMACS	Linux
38	Equibiliration of Protein Structure NVT ENSEMBLE Phase 1	8:37	Molecular Dynamics Simulations: GROMACS	Linux
39	Equibiliration of Protein Structure NPT ENSEMBLE Phase 2	8:09	Molecular Dynamics Simulations: GROMACS	Linux
40	mdrun - Executing Simulation Analysis	3:46	Molecular Dynamics Simulations: GROMACS	Linux