

## Full-Stack Developer Certification Program

### Class Exercises on MongoDB

1. Create the collection ***CampKerala***.

Name of District	Camp Name	Village Name	Camp In-Charge	Total Inmates
Thrissur	UPS Azhikode	Azheekode	Kishore	110
Thrissur	Labour School	Pullut	Syam	367
Thrissur	Vidhyarthar Dayani	Methala	John	1550
Thrissur	Ambookkan LPS	Poyya	John	244
Kollam	Aryankavu LPS	Aryankavu	Manilal	20
Kollam	Nadukunnu LPS	Pathanapuram	Sreekuttan	103
Wayanad	GMUPS Anjukunnu	Anjukunnu	Babu	325
Wayanad	Koolivayal	Cherukattoor	Geetha	50
Wayanad	St.Patrick's	Edavaka	Akshay	807
Wayanad	Marthoma HS Palery	Kanjirangad	Krishna	338
Wayanad	GKM School	Mananthavady	Lijin	330
Kozhikode	Chalapuram LPS	Velom	Sasidharan	480
Kozhikode	GHS PUTHUPPADY	Puthuppady	Salim	838
Kozhikode	GUPS KINALUR	Kinalur	Suresh	253
Kozhikode	Poovambai HS	Kinalur	Suresh	118
Kozhikode	Mundakkara AUPS	Kinalur	Suresh	97
Idukki	St TP School Erattyar	Erattaar	Antony	330
Idukki	ST Benedicts School	Udumbanchola	John Prince	117
Idukki	Thigalkkadu	Udumbanchola	John Prince	85
Idukki	Community Hall	Kalkoonthal	Sini	177
Idukki	Pottankadu	Bison Vally	Jolly	85
Idukki	SNDP Auditorium	Parathodu	Ambilymol	84

- Use **InsertMany()** for inserting documents into **CampKerala**
- Query the documents using **find()**, **findOne()**, **findOne().pretty()** and observe the differences.
- Find a document by its **id**
- Find a camp using **Camp Name**
- Find all the camps in **Kollam** district
- Find all the camps with **Total Inmates** more than 100
- Find all the camps in **Idukki** with **Total Inmates** more than 100
- Find all the camps which is either in **Trissur** or having more than 100 **Total Inmates**
- Update the **Total Inmates** count of **Aryankavu Village** to 37
- Delete **ALL** the document(s) with **Camp in Charge** name is *Suresh*
- Delete **ONLY ONE** document with **Camp in Charge** is *Manilal*
- Find and project **ONLY** the **Camp Name** of the camps where *Sreekuttan* is the **Camp in Charge**
- Query **ONLY** the first 10 documents of **CampKerala**
- Query the documents in **CampKerala** by **sorting** the **Camp Name** in ascending order
- Query the first 10 documents of **CampKerala** [Hint: Use **limit()**..]
- Query 10 documents of **CampKerala** from 6 to 15 [Hint: Use **limit()** and **skip()**..]
- Sort the above 10 documents (6 to 15) in ascending order of **Camp Name**