

Note App

App.js

```
const yargs = require('yargs');
const notes = require('./notes.js');
yargs.command({
  command : 'add',
  describe: "Adding a Note",
  builder: {
    title : {
      describe: 'Note Title',
      demandOption: true,
      type : 'string'
    },
    body: {
      describe: 'Note Body',
      demandOption: true,
      type : 'string'
    }
  },
  handler: function(argv)
  {
    notes.addNote(argv.title, argv.body);
  }
})
yargs.parse();
```

notes.js

```
const fs = require('fs');
const chalk = require('chalk');
const addNote = function(title, body)
{
  const notes = loadNotes();
  const duplicateNotes = notes.filter(function (note)
  {
    return note.title === title;
  });
  if(duplicateNotes.length === 0)
  {
    notes.push({ title: title, body: body })
    saveNotes(notes);
    console.log("\nNew Note Added Successfully!!!\n");
  }
  else
  {
    console.log("\nNote Title already existed!!!\n");
  }
}
const loadNotes = function()
{
  const dataBuffer = fs.readFileSync('dataFile.json');
  const dataJSON = dataBuffer.toString();
  return JSON.parse(dataJSON);
}
const saveNotes = function(notes)
{
  const dataJSON = JSON.stringify(notes);
  fs.writeFileSync('dataFile.json', dataJSON);
}
module.exports =
{
  addNote : addNote
}
```

datafile.json

```
[  
  { "title": "NodeJS", "body": "NodeJS is open-source JavaScript Framework" },  
  { "title": "Mukesh Thakur", "body": "Welcome to NodeJS Classes" },  
  { "title": "Hari Mohan", "body": "Welcome to PHP Classes" },  
  { "title": "Hari Mohan1", "body": "Welcome to PHP Classes" }  
]
```