**Executing the program:**

1. Unzip
2. Open terminal(Linux) and CD to the location
3. sh bin/setup.sh – This will build the code and run the tests
4. sh bin/parking\_lot.sh - This will run the program and now you can use the console for executing the various commands interactively
5. sh bin/parking\_lot.sh file\_inputs.txt - This will run the program and execute the commands from the file and print the output
6. To run as executable file cd to bin folder
7. chmod +x setup.sh
8. chmod +x parking\_lot.sh
9. Then run 3,4,5 with below commands

bin/setup.sh

bin/parking\_lot.sh

bin/parking\_lot.sh file\_inputs.txt

**Source Code Details:**

1. All the source files can be found in package **com.ayush.parkinglot inside src/main/java**
2. All the Junit tests ParkinglotTest & ParkingLotIntegrationTest can be found inside test/java

**Other Files:**

1. Parking\_lot.sh file can be used to execute the programs (both command line and file based)
2. File\_inputs.txt contains the sample input file as provided with the case study.
3. Setup.sh file can be used to compile and execute the tests