Given the DATA DIVISION code below, draft the code in OpenCobol IDE, that will OPEN the file (CAR-FILE-IN), READ all records from the file, and DISPLAY the CAR-MODEL

Use the Function Chart provided in the file FUNCTION CHART LAB 3.  
The decision to execute the main line process (DISPLAY-CAR-RECORD) is to be based on whether there is a record to be read.

Start your code with the snippet below, and try it with the CARFILE.TXT sample file.

ENVIRONMENT DIVISION.

INPUT-OUTPUT SECTION.

FILE-CONTROL.

SELECT CAR-FILE-IN  
 ASSIGN TO “N:\CARFILE.TXT”  
 ORGANIZATION IS LINE SEQUENTIAL.

DATA DIVISION.

FILE SECTION.

FD CAR-FILE-IN.

01 CAR-RECORD-IN.

05 CAR-MODEL PIC X(15).

05 CAR-DATA

10 ENGINE PIC X(25).

10 TOWING-CAPACITY PIC 9(8).

10 OWNER-NAME PIC X(30).

WORKING-STORAGE SECTION.  
01 CONTROL-FIELDS.   
 05 EOF-FLG PIC X.