ITM(SLS) BARODA UNIVERSITY, VADODARA
School of Computer Science Engineering & Technology (B TECH SEM-III)
SUBJECT: SYSTEM SOFTWARE
ASSIGNMENT-1

Q.1	What is a Language Processor?
Q.2	Explain Language Processing activities in brief.
Q.3	Explain Life Cycle of a Source Program.
Q.4	Write a short note on Text Editors and its types.
Q.5	What are phases and passes? Compare and contrast.
Q.6	Draw diagram and explain the analysis phase of a Language Processor.
Q.7	Briefly explain IR with an example.
Q.8	Draw diagram and explain the synthesis phase of a Language Processor.
Q.9	Write a Short note on the Symbol Table.
Q.10	What are the different data structures used for symbol table? List them and explain it briefly.