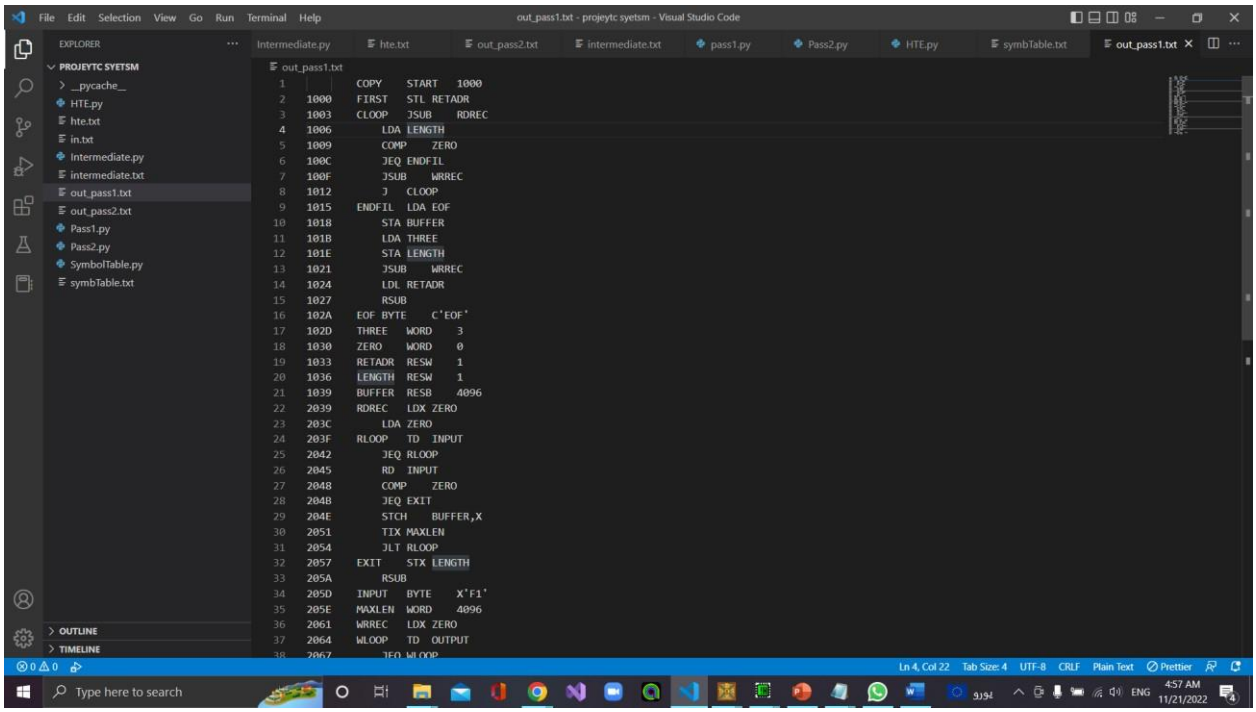
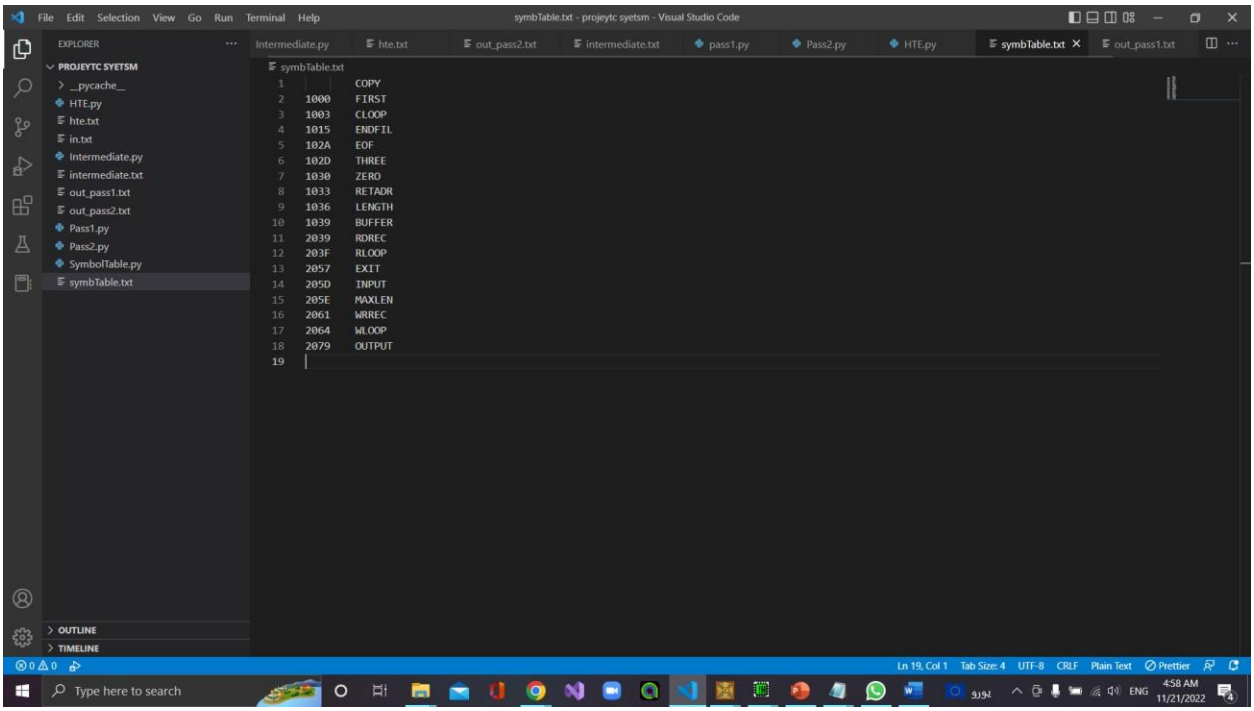
Systems programming Project

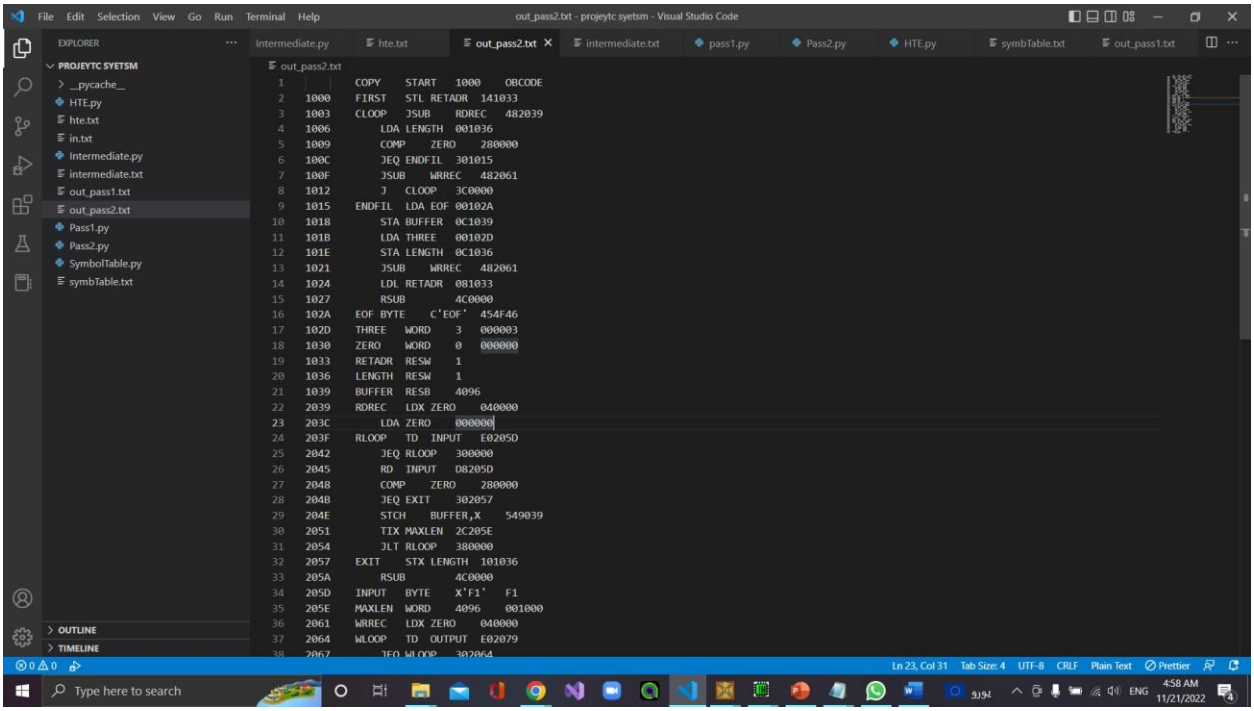
This is project is done under the supervision of arab academy for science and technology

To run program open & run Intermediate.py

Code must have 1 tab




File Edit Selection View Go Run Terminal Help
symbTable.txt - projeytc syetsm - Visual Studio Code
EXPLORER
PROJEYTC SYETSM
__pycache__
HTE.py
hte.txt
in.txt
Intermediate.py
intermediate.txt
out_pass1.txt
out_pass2.txt
Pass1.py
Pass2.py
SymbolTable.py
symbTable.txt
Intermediate.py
hte.txt
out_pass2.txt
intermediate.txt
pass1.py
Pass2.py
HTE.py
symbTable.txt
out_pass1.txt
symbTable.txt
1 COPY
2 1000 FIRST
3 1003 CLOOP
4 1015 ENDFIL
5 102A EOF
6 102D THREE
7 1030 ZERO
8 1033 RETADR
9 1036 LENGTH
10 1039 BUFFER
11 2039 RDREC
12 203F RLOOP
13 2057 EXIT
14 205D INPUT
15 205E MAXLEN
16 2061 WRREC
17 2064 WLOOP
18 2079 OUTPUT
19
OUTLINE
TIMELINE
Ln 19, Col 1 Tab Size: 4 UTF-8 CRLF Plain Text Prettier
Type here to search
ENG
4:58 AM
11/21/2022


File Edit Selection View Go Run Terminal Help
out_pass2.txt - projeytc syetsm - Visual Studio Code
EXPLORER
PROJEYTC SYETSM
__pycache__
HTE.py
hte.txt
in.txt
Intermediate.py
intermediate.txt
out_pass1.txt
out_pass2.txt
Pass1.py
Pass2.py
SymbolTable.py
symbTable.txt
Intermediate.py
hte.txt
out_pass2.txt
intermediate.txt
pass1.py
Pass2.py
HTE.py
symbTable.txt
out_pass1.txt
out_pass2.txt
1 COPY START 1000 OBCODE
2 1000 FIRST STL RETADR 141033
3 1003 CLOOP JSUB RDREC 482039
4 1006 LDA LENGTH 001036
5 1009 COMP ZERO 280000
6 100C JEQ ENDFIL 301015
7 100F JSUB WRREC 482061
8 1012 J CLOOP 3C0000
9 1015 ENDFIL LDA EOF 00102A
10 1018 STA BUFFER 0C1039
11 101B LDA THREE 00102D
12 101E STA LENGTH 0C1036
13 1021 JSUB WRREC 482061
14 1024 LDL RETADR 081033
15 1027 RSUB 4C0000
16 102A EOF BYTE C'EOF' 454F46
17 102D THREE WORD 3 000003
18 1030 ZERO WORD 0 000000
19 1033 RETADR RESW 1
20 1036 LENGTH RESW 1
21 1039 BUFFER RESB 4096
22 2039 RDREC LDX ZERO 040000
23 203C LDA ZERO 000000
24 203F RLOOP TD INPUT E0205D
25 2042 JEQ RLOOP 300000
26 2045 RD INPUT D8205D
27 2048 COMP ZERO 280000
28 204B JEQ EXIT 302057
29 204E STCH BUFFER,X 549039
30 2051 TIX MAXLEN 2C205E
31 2054 JLT RLOOP 380000
32 2057 EXIT STX LENGTH 101036
33 205A RSUB 4C0000
34 205D INPUT BYTE X'F1' F1
35 205E MAXLEN WORD 4096 001000
36 2061 WRREC LDX ZERO 040000
37 2064 WLOOP TD OUTPUT E02079
38 2067 JEQ WLOOP 302064
OUTLINE
TIMELINE
Ln 23, Col 31 Tab Size: 4 UTF-8 CRLF Plain Text Prettier
Type here to search
ENG
4:58 AM
11/21/2022