UE17CS351

COMPILER DESIGN PROJECT

Python Compiler Using Lex and Yacc

Team Members :

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| Name | SRN |
| Sanjay Chari | PES1201700278 |
| Aditya Shankaran | PES1201700710 |
| Athul Sandosh | PES1201701110 |

Input Python Program :

import pandas

x=10

y=10

x+y

listX = []

#Comment

def F(A, B, C):

while(listX[2]==y):

c=0

z=10

b=z

if(z==b):

c=10+b

else:

c=10+c

w=21

#Comment

m = F(10, 10, 10)

if(x==y):

x=10

else:

x=10

Result :

Symbol Table :

A picture containing sitting, black, holding, computer

Description automatically generated

Tokens :

A picture containing sitting, table, holding, phone

Description automatically generated

Abstract Syntax Tree :

A picture containing food

Description automatically generated

Intermediate Code :

A screen shot of a computer

Description automatically generated