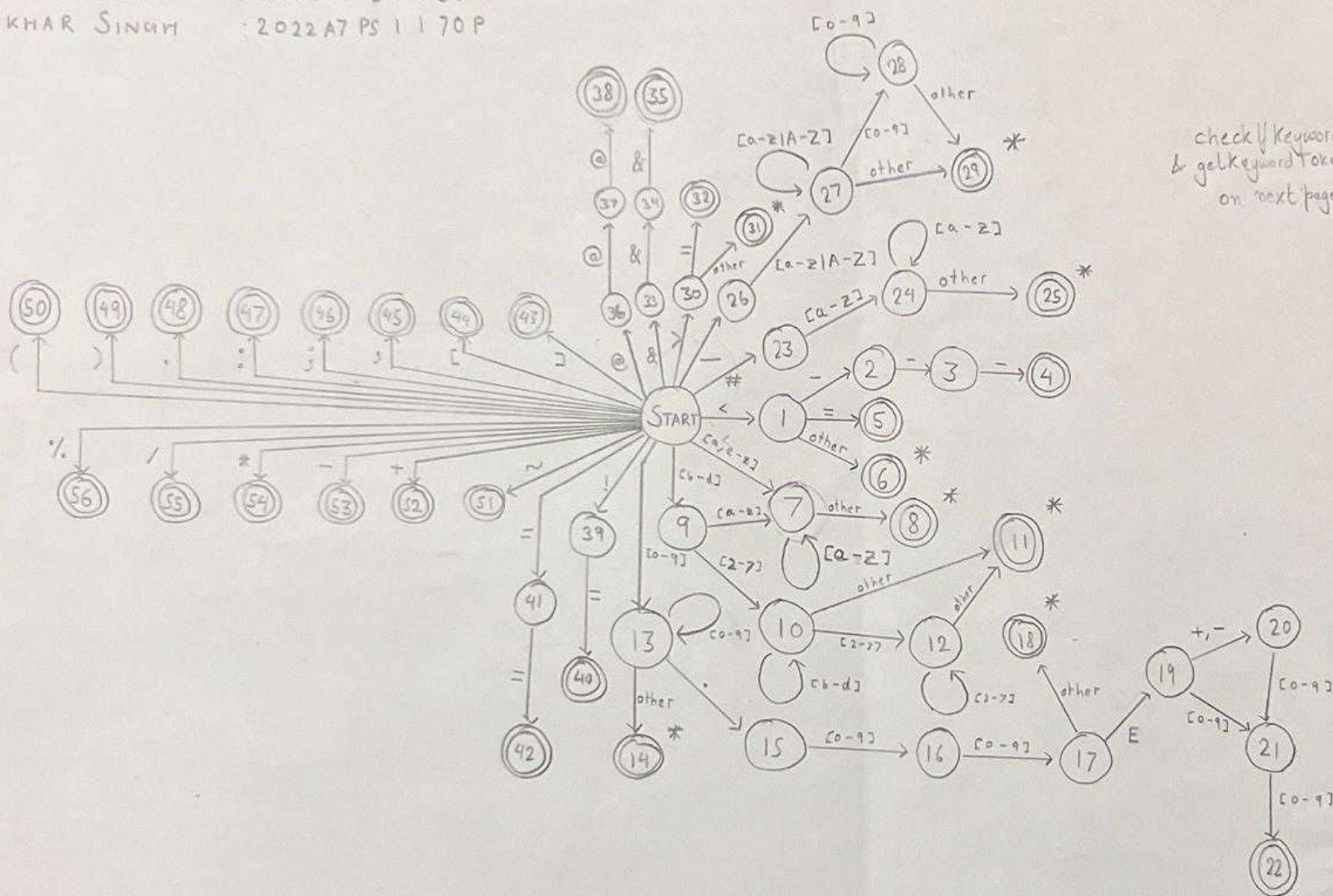


ADITYA AGRAWAL	2022A7PS0160P
SAMARTH	2022A7PS0096P
SHASHANK JHA	2022A7PS1186P
SHIKHAR SINGH	2022A7PS1170P

ADITYA AGRAWAL
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2022A7PS0160P
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2022A7PS1186P
2022A7PS1170P



```

4. return (TK_ASSIGN)
5. return (TK_LE)
6. return (TK_LT)
7. return (TK_EQ)
8. return (checkIfKeyword(token)? getKeywordToken(token) : TK_FIELDID, lexeme)
9. return (TK_COMMA)
10. return (TK_SEM)
11. return (TK_ID, lexeme)
12. return (TK_NUM, lexeme)
13. return (TK_STR, lexeme)
14. return (TK_NUM, lexeme)
15. return (TK_RNUM, lexeme)
16. return (TK_RNUM, lexeme)
17. return (TK_RNUM, lexeme)
18. return (TK_RNUM, lexeme)
19. return (TK_RNUM, lexeme)
20. return (TK_RNUM, lexeme)
21. return (TK_RNUM, lexeme)
22. return (TK_RNUM, lexeme)
23. return (TK_RNUM, lexeme)
24. return (checkIfKeyword(token)? getKeywordToken(token) : TK_FIELDID, lexeme)
25. return (TK_RNUM, lexeme)
26. return (TK_RNUM, lexeme)
27. return (TK_RNUM, lexeme)
28. return (TK_RNUM, lexeme)
29. return (checkIfKeyword(token)? getKeywordToken(token) : TK_FIELDID, lexeme)
30. return (TK_GT)
31. return (TK_GT)
32. return (TK_GE)
33. return (TK_GE)
34. return (TK_AND)
35. return (TK_AND)
36. return (TK_OR)
37. return (TK_OR)
38. return (TK_OR)
39. return (TK_NE)
40. return (TK_NE)
41. return (TK_EQ)
42. return (TK_EQ)
43. return (TK_EQ)
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95. return (TK_EQ)
96. return (TK_EQ)
97. return (TK_EQ)
98. return (TK_EQ)
99. return (TK_EQ)
100. return (TK_EQ)

```


LOOKUP TABLE

KEYWORD	TOKEN
with	TK_WITH
parameters	TK_PARAMETERS
end	TK_END
while	TK_WHILE
union	TK_UNION
endunion	TK_ENDUNION
definetype	TK_DEFINE TYPE
as	TK_AS
type	TK_TYPE
_main	TK_MAIN
global	TK_GLOBAL
parameters	TK_PARAMETER
list	TK_LIST
input	TK_INPUT
output	TK_OUTPUT
int	TK_INT
real	TK_REAL
endwhile	TK_ENDWHILE
if	TK_IF
then	TK_THEN
endif	TK_ENDIF
read	TK_READ
write	TK_WRITE
return	TK_RETURN
call	TK_CALL
record	TK_RECORD
endrecord	TK_ENDRECORD
else	TK_ELSE

LOOKUP TABLE FUNCTIONS:

```
bool checkIfKeyword (lexeme);
// returns true if given lexeme
// is a Keyword. false otherwise
```

```
TOKEN getKeywordToken (lexeme);
// returns the token of a keyword
// from the LOOKUP TABLE
```