Parser

C++ NESTED FOR LOOP

SYSTEM PROGRAMMING PROJECT

Group No. -14

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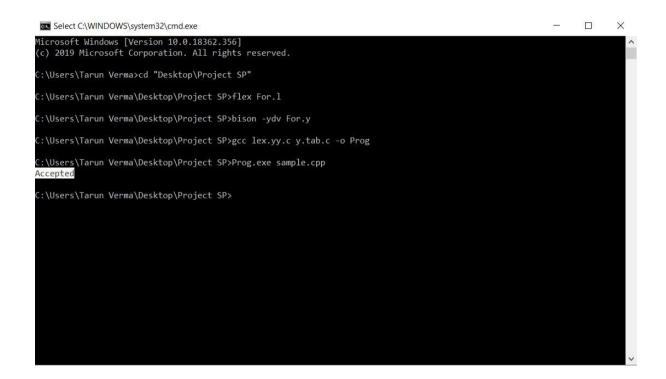
Submitted to:

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Instruction to Compile and Run the Program:

- 1. Create a .cpp or any readable file, containing a for loop.
- 2. Save that file in the same directory of the .exe file.
- 3. Pass that file as command line argument to .exe file. As shown below.

NOTE: If u want to skip step 1 and 2 you can modify contents of sample.cpp file accordingly that is present in the project directory.



Don'ts

1.Use of c++ keywords excluding basic "for loop" constructs (i.e. break, continue etc.).

2. Use of more than 3 arguments.

```
for (size_t i = 0;int j =0; i < count; i++)
```

3. Use of Booleans and bitwise operators.

```
1  for (size_t i = 0; i < count; i++)
2  {
3    int i=0;
4    i=i<<9;
5    i=i^1;
6    i=i&a;
7    |
8  }</pre>
```

4. Use of short hand notations.

5. Use of ternary operators.

DO's

- 1. Use of for loop without arguments with or without body.
- 2.Loops having only one statement.
- 3. Loops having only initialization.
- 4.Loops with either of any argument among three of them.
- 5.Use of break, continue statements.
- 6.Use of nested for loops.
- 7. Use of logical and arithmetic operators.
- 8. Use of unary operators.
- 9.Use of comments single as well as multiline.
- 10. Use of Identifiers.
- 11. Use of terminated for loop.
- 12.Use of infinite for loop.
- 13.Use of all the valid implementation of for loop in c++.