```
Enter the string: 1111111
String accepted

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd
\Desktop\4th-Sem GITHub\TOC\" && g++ lab5.cpp
gdi32 -lcomdlg32 -luuid -loleaut32 -lole32 &&
\Desktop\4th-Sem GITHub\TOC\"lab5
Enter the string: 1101
String not accepted

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter a string to check: 10111
String starts with 10.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd
\Desktop\4th-Sem GITHub\TOC\" && g++ lab8.cpp
gdi32 -lcomdlg32 -luuid -loleaut32 -lole32 &&
\Desktop\4th-Sem GITHub\TOC\"lab8
Enter a string to check: 01110
String does not start with 10.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter the string: aab
String not accepted

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd
\Desktop\4th-Sem GITHub\TOC\" && g++ lab6.cpp
gdi32 -lcomdlg32 -luuid -loleaut32 -lole32 &&
\Desktop\4th-Sem GITHub\TOC\"lab6
Enter the string: abb
String accepted

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter the number of pairs of parentheses: 3
Properly balanced parentheses of size 3:
((()))
(()())
(())()
()(())
()()()

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter a string to check: 1111011
String contains substring 101.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd
\Desktop\4th-Sem GITHub\TOC\" && g++ lab7.cpp
gdi32 -lcomdlg32 -luuid -loleaut32 -lole32 &&
\Desktop\4th-Sem GITHub\TOC\"lab7
Enter a string to check: 11110
String does not contain substring 101.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter a string: aabb
Accepted: The string is in the language L = {a^nb^n : n >= 0}

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd "c:\Users\Roshan\De
mdlg32 -luuid -loleaut32 -lole32 && "c:\Users\Roshan\Desktop\4th-
Enter a string: ba
Rejected: The string is not in the language L = {a^nb^n : n >= 0}

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```

```
Enter input string: aabb
String accepted.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>cd
mdlg32 -luuid -loleaut32 -lole32 && "c:\Users
Enter input string: abb
String rejected.

c:\Users\Roshan\Desktop\4th-Sem GITHub\TOC>
```