

## Palindromes

P AB CD e AA CC

A a

B PA

C b

D PC

Please enter the word:

aaabbb

		'a'		'a'		'a'		'b'		'b'		'b'	
pass = 0		A		A		A		C		C		C	
pass = 1		P		P				P		P			
pass = 2		B		D				D					
pass = 3													
pass = 4													
pass = 5													

The word is not in language

Process finished with exit code 0

Please enter the word:

aaabbbbbaaa

		'a'		'a'		'a'		'b'		'b'		'b'		'b'		'b'		'a'		'a'		'a'	
pass = 0		A		A		A		C		C		C		C		C		A		A		A	
pass = 1		P		P				P		P		P		P		P		P		P			
pass = 2		B		D				D		D		D		D		B				B			
pass = 3								P		P		P											
pass = 4								D		D		B											
pass = 5								P															
pass = 6								B															
pass = 7						P																	
pass = 8						B																	
pass = 9				P																			
pass = 10				B																			
pass = 11		P																					

The word is in language

Process finished with exit code 0

|

- To compile the code :  
Requirement: JAVA 1.8
- Unzip the folder.
- Please mention the path of the grammar.cfg in Runner.java file.
- Provide the grammar in grammar.cfg file with whitespace and “.” in the end .

- Compile the Runner class

Command:

`Javac Runner.java`

- To run the code

Command:

`Java Runner`