

# REGULAR EXPRESSIONS

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# CONCEPTS

- Character Classes
- Anchors
- Repetition
- Grouping & Capture

# CHARACTER CLASSES

# apple

apple ball cat clown zebra elephant pineapple town owl  
money purse wiki idiot blood sense tumbler belly funny  
sound mount house haunt round scent count hall crawl  
node left sour tricks python viper smoke lazy feeling  
doubt crazy light

apple pineapple

all

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ball hall

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at

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cat

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SO

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sound sour

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OW

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clown town owl

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o.n

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clown town sound mount round count

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a.l

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ball hall crawl

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ball belly hall

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## Lets add few more words

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```
apple ball cat clown zebra elephant pineapple town owl  
money purse wiki idiot blood sense tumbler belly funny  
sound mount house haunt round scent count hall crawl  
node left sour tricks python viper smoke lazy feeling  
doubt crazy light Application No1 1500 $400 Rs.1000 output1  
input3 function_34 call_back9 a2z RaspberryPi onClick getValue  
SetValue GetValue setPosition fatalError NullPointerException
```

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[0-9]

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```
No1 1500 $400 Rs.1000 output1 input3 function_34 call_back9 a2z
```

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[0-3]

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```
No1 1500 $400 Rs.1000 output1 input3 function_34 a2z
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[3-7]

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```
1500 $400 input3 function_34
```

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[0-9][1-9]

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```
1500 function_34
```

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[A-Z]

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```
Application No1 Rs.1000 RaspberryPi onClick getValue SetValue  
GetValue setPosition fatalError NullPointerException
```

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[M-R]

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```
No1 Rs.1000 RaspberryPi setPosition NullPointerException
```

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[sS]et

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```
SetValue setPosition
```

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[sg]et

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```
getValue setPosition
```

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[Aa]..l

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```
apple pineapple Application fatalError
```

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# ANCHORS

**^ AND \$**

<sup>a</sup>

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apple a2z

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^C

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```
cat clown count crawl crazy call_back9
```

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<sup>^</sup>cr

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crawl crazy

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I\$

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ball owl hall crawl

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n\$

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clown town python Application

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o.\$

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idiot blood python Application No1

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`^a....$`

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`apple`

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^....\$

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```
ball town wiki hall node left sour lazy 1500 $400
```

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**REPETITIONS**

a.\*

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apple ball cat zebra elephant pineapple haunt hall crawl lazy crazy Appl

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ap+

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apple pineapple

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[0-9]+

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```
No1 1500 $400 Rs.1000 output1 input3 function_34 call_back9 a2z
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$t[0-9]^+$

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```
output1 input3
```

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`_[0-9]`

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```
function_34
```

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`_[0-9]*`

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```
function_34 call_back9
```

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