



SCHOOL OF COMPUTER SCIENCE

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[User:a1779153 - Student - Vandit Jyotindra Gajjar][Tue 15 Sep 2020 10:12:32am Australia/Adelaide]

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Assignment Repository to be Submitted:

<https://version-control.adelaide.edu.au/svn/a1779153/2020/s2/cs/exam1-primary>

Choose a submission from the "Submission" column to view the test script output and any associated marks. The selected "Submission" item is highlighted in **red**. If available, "Helpful Hints" or "Feedback" can be chosen too. All the items in the "Submission" column are listed with the most recent first. If the assignment deadline is known to the Web Submission system, this will be indicated in the Submissions column too.

Submission	Feedback																							
<p>-----Due Date-----</p> <p>Sep 15 09:44 r587(100)</p> <p>Sep 15 09:41 r583(92)</p> <p>Sep 15 09:40 r582(93)</p> <p>Sep 15 09:38 r581(93)</p> <p>Sep 15 09:34 r580(90)</p> <p>Sep 15 09:32 r579(92)</p> <p>Sep 15 09:31 r578(93)</p> <p>Sep 15 09:26 r577(88)</p> <p>Sep 15 09:24 r576(58)</p> <p>Sep 15 09:23 r575(58)</p> <p>Sep 15 09:19 r574(74)</p> <p>Sep 15 09:17 r573(58)</p> <p>Sep 15 09:07 r572(40)</p> <p>Sep 15 09:02 r571(20)</p>	<p>Due Date: Sep 15 10:00</p> <p>Final Assignment Mark: 100</p> <p>View Feedback in the Practical Marker</p> <p>Assignment Repository Submitted:</p> <p>https://version-control.adelaide.edu.au/svn/a1779153/2020/s2/cs/exam1-primary/?p=587</p> <p>Submitted: Sep 15 09:44.29</p> <p>Status: Finished execution</p>																							
	<p>Marks at: Sep 15 09:44.29</p> <table><tr><th>Part</th><th>Marks</th><th>Maximum</th></tr><tr><td>0 bytes</td><td>20</td><td></td></tr><tr><td>1 single operators</td><td>20</td><td></td></tr><tr><td>2 arithmetic operators</td><td>18</td><td></td></tr><tr><td>3 identifiers</td><td>16</td><td></td></tr><tr><td>4 numbers</td><td>14</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>			Part	Marks	Maximum	0 bytes	20		1 single operators	20		2 arithmetic operators	18		3 identifiers	16		4 numbers	14				
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0 bytes	20																							
1 single operators	20																							
2 arithmetic operators	18																							
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4 numbers	14																							

5 names	12	
Total Marks	100	100

Output at: Sep 15 09:44.29

SVN Exported revision 587.

Latest startup files found: Mon Aug 31 15:58:00 ACST 2020
 Marker script generated on: Mon Aug 31 15:58:00 ACST 2020

Compiling tokeniser - no errors reported!

Running Tokeniser Test Program:

Tue Sep 15 09:44:33 2020

Character group definitions are:

cg_extends_number: '0'-'9' and 'A'-'F'

cg_extends_identifier: 'c'-'p', '0'-'9' and '.'

cg_starts_name: 'A'-'Z'

cg_extends_name: 'a'-'z'

Testing grammar: eoi ::= end of input

Token Kind must be: tk_eoi

Token Spelling changes: spelling must be ""

Tests run: 1, passed: 1, failed:0

Testing grammar: 0 bytes ::= any byte that cannot start another token

Token Kind must be: tk_byte

Token Spelling changes: none

Tests run: 29555, passed: 29555, failed:0

Marks 20 out of 20 %

** Completed Startup Stage **

Testing grammar: 1 single operators ::= '[' | ']' | '&' | '~'

Token Kind must be: tk_operator

Token Spelling changes: none

Example Test Input: "~" - test passed!

If you want to generate a test file for this example, run the following commands:

```
echo "~" > tests/stage1
```

```
echo "{kind: tk_operator, spelling: \"~\"}" > tests/stage1.tokens
```

```
echo "{kind: tk_byte, spelling: \"\\n\\\"}" >> tests/stage1.tokens

Testing of other inputs will now be performed

Tests run: 1028, passed: 1028, failed:0

Marks 20 out of 20 %

** Completed Stage 1 of 5 **

-----
Testing grammar: 2 arithmetic operators ::= '-' | '+' | '--' | '++' | '<=' | '>='
Token Kind must be: tk_operator
Token Spelling changes: none

Example Test Input: ">=" - test passed!

If you want to generate a test file for this example, run the following commands:

echo ">=" > tests/stage2
echo "{kind: tk_operator, spelling: \">=\\\"}\" > tests/stage2.tokens
echo "{kind: tk_byte, spelling: \"\\n\\\"}" >> tests/stage2.tokens

Testing of other inputs will now be performed

Tests run: 2052, passed: 2052, failed:0

Marks 18 out of 18 %

** Completed Stage 2 of 5 **

-----
Testing grammar: 3 identifiers ::= '$' ('c'-'p'|'0'-'9'|'.')*
Token Kind must be: tk_identifier
Token Spelling changes: none

Example Test Input: "$p8nic." - test passed!

If you want to generate a test file for this example, run the following commands:

echo "\\$p8nic." > tests/stage3
echo "{kind: tk_identifier, spelling: \"\\$p8nic\\.\\\"}\" > tests/stage3.tokens
echo "{kind: tk_byte, spelling: \"\\n\\\"}" >> tests/stage3.tokens

Testing of other inputs will now be performed

Tests run: 2320, passed: 2320, failed:0

Marks 16 out of 16 %

** Completed Stage 3 of 5 **

-----
Testing grammar: 4 numbers ::= '0x' ('0'-'9'|'A'-'F')*
```

```
Token Kind must be: tk_number
Token Spelling changes: none

Example Test Input: "0x75F" - test passed!

If you want to generate a test file for this example, run the following commands:

echo 0x75F > tests/stage4
echo "{kind: tk_number, spelling: \"0x75F\"}" > tests/stage4.tokens
echo "{kind: tk_byte, spelling: \"\n\"}" >> tests/stage4.tokens

Testing of other inputs will now be performed

Tests run: 2666, passed: 2666, failed:0

Marks 14 out of 14 %

** Completed Stage 4 of 5 **

-----
Testing grammar: 5 names ::= ('Dr'|'Mr') ' ' ('A'-'Z') ('a'-'z')* ' ' ('A'-'Z') ('a'-'z')*
Token Kind must be: tk_arbitrary
Token Spelling changes: none

Example Test Input: "Mr Ed Horse" - test passed!

If you want to generate a test file for this example, run the following commands:

echo "Mr Ed Horse" > tests/stage5
echo "{kind: tk_arbitrary, spelling: \"Mr Ed Horse\"}" > tests/stage5.tokens
echo "{kind: tk_byte, spelling: \"\n\"}" >> tests/stage5.tokens

Testing of other inputs will now be performed

Tests run: 3790, passed: 3790, failed:0

Marks 12 out of 12 %

** Completed Stage 5 of 5 **

Testing finished!

If there is no output or the last tests did not show "Tests run: ..., passed: ..."
your tokeniser may have caused the test program to unexpectedly exit.
```

SVN Log:

```
-----
r587 | a1779153 | 2020-09-15 09:44:16 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp
  M /2020/s2/cs/exam1-primary/updates/log
```

```
arbitrary
-----
r586 | a1779153 | 2020-09-15 09:43:33 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp

arbitrary
-----
r585 | a1779153 | 2020-09-15 09:43:03 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/updates/log

arbitrary
-----
r584 | a1779153 | 2020-09-15 09:42:48 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp
    M /2020/s2/cs/exam1-primary/updates/log

arbitrary
-----
r583 | a1779153 | 2020-09-15 09:40:49 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp

arbitrary
-----
r582 | a1779153 | 2020-09-15 09:39:47 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp
    M /2020/s2/cs/exam1-primary/updates/log

arbitrary
-----
r581 | a1779153 | 2020-09-15 09:38:24 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp
    M /2020/s2/cs/exam1-primary/updates/log

arbitrary
-----
r580 | a1779153 | 2020-09-15 09:34:37 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp

arbitrary
-----
r579 | a1779153 | 2020-09-15 09:32:25 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
    M /2020/s2/cs/exam1-primary/tokeniser.cpp

arbitrary
-----
r578 | a1779153 | 2020-09-15 09:31:11 +0930 (Tue, 15 Sep 2020) | 1 line
```

```

Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

arbitrary
-----
r577 | a1779153 | 2020-09-15 09:26:14 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

number
-----
r576 | a1779153 | 2020-09-15 09:24:25 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

number
-----
r575 | a1779153 | 2020-09-15 09:22:48 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

number
-----
r574 | a1779153 | 2020-09-15 09:19:25 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

identifiers
-----
r573 | a1779153 | 2020-09-15 09:16:59 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

arithmetic operator
-----
r572 | a1779153 | 2020-09-15 09:07:46 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  M /2020/s2/cs/exam1-primary/tokeniser.cpp

tk_operator
-----
r571 | a1779153 | 2020-09-15 09:02:16 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  A /2020/s2/cs/exam1-primary/updates/exam1p-20200831-155825.zip

Adding zip file
-----
r570 | a1779153 | 2020-09-15 09:01:57 +0930 (Tue, 15 Sep 2020) | 1 line
Changed paths:
  A /2020/s2/cs/exam1-primary/tokeniser.cpp
  M /2020/s2/cs/exam1-primary/updates/log

exam1
-----

```

r504 | a1779153 | 2020-08-07 00:04:44 +0930 (Fri, 07 Aug 2020) | 1 line

Changed paths:

```
A /2020/s2/cs/assignment1
A /2020/s2/cs/assignment1/Makefile
A /2020/s2/cs/assignment1/updates
A /2020/s2/cs/assignment1/updates/installer.bash
A /2020/s2/cs/assignment1/updates/log
A /2020/s2/cs/assignment1/updates/updater.bash
A /2020/s2/cs/assignment2
A /2020/s2/cs/assignment2/Makefile
A /2020/s2/cs/assignment2/updates
A /2020/s2/cs/assignment2/updates/installer.bash
A /2020/s2/cs/assignment2/updates/log
A /2020/s2/cs/assignment2/updates/updater.bash
A /2020/s2/cs/assignment3
A /2020/s2/cs/assignment3/Makefile
A /2020/s2/cs/assignment3/updates
A /2020/s2/cs/assignment3/updates/installer.bash
A /2020/s2/cs/assignment3/updates/log
A /2020/s2/cs/assignment3/updates/updater.bash
A /2020/s2/cs/exam1-demo
A /2020/s2/cs/exam1-demo/Makefile
A /2020/s2/cs/exam1-demo/updates
A /2020/s2/cs/exam1-demo/updates/installer.bash
A /2020/s2/cs/exam1-demo/updates/log
A /2020/s2/cs/exam1-demo/updates/updater.bash
A /2020/s2/cs/exam1-primary
A /2020/s2/cs/exam1-primary/Makefile
A /2020/s2/cs/exam1-primary/updates
A /2020/s2/cs/exam1-primary/updates/installer.bash
A /2020/s2/cs/exam1-primary/updates/log
A /2020/s2/cs/exam1-primary/updates/updater.bash
A /2020/s2/cs/exam1-repeat
A /2020/s2/cs/exam1-repeat/Makefile
A /2020/s2/cs/exam1-repeat/updates
A /2020/s2/cs/exam1-repeat/updates/installer.bash
A /2020/s2/cs/exam1-repeat/updates/log
A /2020/s2/cs/exam1-repeat/updates/updater.bash
A /2020/s2/cs/exam2-demo
A /2020/s2/cs/exam2-demo/Makefile
A /2020/s2/cs/exam2-demo/updates
A /2020/s2/cs/exam2-demo/updates/installer.bash
A /2020/s2/cs/exam2-demo/updates/log
A /2020/s2/cs/exam2-demo/updates/updater.bash
A /2020/s2/cs/exam2-primary
A /2020/s2/cs/exam2-primary/Makefile
A /2020/s2/cs/exam2-primary/updates
A /2020/s2/cs/exam2-primary/updates/installer.bash
A /2020/s2/cs/exam2-primary/updates/log
A /2020/s2/cs/exam2-primary/updates/updater.bash
A /2020/s2/cs/exam2-repeat
A /2020/s2/cs/exam2-repeat/Makefile
A /2020/s2/cs/exam2-repeat/updates
A /2020/s2/cs/exam2-repeat/updates/installer.bash
```

```
A /2020/s2/cs/exam2-repeat/updates/log
A /2020/s2/cs/exam2-repeat/updates/updater.bash
A /2020/s2/cs/exam3-demo
A /2020/s2/cs/exam3-demo/Makefile
A /2020/s2/cs/exam3-demo/updates
A /2020/s2/cs/exam3-demo/updates/installer.bash
A /2020/s2/cs/exam3-demo/updates/log
A /2020/s2/cs/exam3-demo/updates/updater.bash
A /2020/s2/cs/exam3-primary
A /2020/s2/cs/exam3-primary/Makefile
A /2020/s2/cs/exam3-primary/updates
A /2020/s2/cs/exam3-primary/updates/installer.bash
A /2020/s2/cs/exam3-primary/updates/log
A /2020/s2/cs/exam3-primary/updates/updater.bash
A /2020/s2/cs/exam3-repeat
A /2020/s2/cs/exam3-repeat/Makefile
A /2020/s2/cs/exam3-repeat/updates
A /2020/s2/cs/exam3-repeat/updates/installer.bash
A /2020/s2/cs/exam3-repeat/updates/log
A /2020/s2/cs/exam3-repeat/updates/updater.bash
A /2020/s2/cs/generic
A /2020/s2/cs/generic/Makefile
A /2020/s2/cs/generic/updates
A /2020/s2/cs/generic/updates/installer.bash
A /2020/s2/cs/generic/updates/log
A /2020/s2/cs/generic/updates/updater.bash
A /2020/s2/cs/project01
A /2020/s2/cs/project01/Makefile
A /2020/s2/cs/project01/updates
A /2020/s2/cs/project01/updates/installer.bash
A /2020/s2/cs/project01/updates/log
A /2020/s2/cs/project01/updates/updater.bash
A /2020/s2/cs/project02
A /2020/s2/cs/project02/Makefile
A /2020/s2/cs/project02/updates
A /2020/s2/cs/project02/updates/installer.bash
A /2020/s2/cs/project02/updates/log
A /2020/s2/cs/project02/updates/updater.bash
A /2020/s2/cs/project03
A /2020/s2/cs/project03/Makefile
A /2020/s2/cs/project03/updates
A /2020/s2/cs/project03/updates/installer.bash
A /2020/s2/cs/project03/updates/log
A /2020/s2/cs/project03/updates/updater.bash
A /2020/s2/cs/project05
A /2020/s2/cs/project05/Makefile
A /2020/s2/cs/project05/updates
A /2020/s2/cs/project05/updates/installer.bash
A /2020/s2/cs/project05/updates/log
A /2020/s2/cs/project05/updates/updater.bash
A /2020/s2/cs/project05s
A /2020/s2/cs/project05s/Makefile
A /2020/s2/cs/project05s/updates
A /2020/s2/cs/project05s/updates/installer.bash
```



```
A /2020/s2/cs/project05s/updates/log
A /2020/s2/cs/project05s/updates/updater.bash
A /2020/s2/cs/workshop01
A /2020/s2/cs/workshop01/Makefile
A /2020/s2/cs/workshop01/updates
A /2020/s2/cs/workshop01/updates/installer.bash
A /2020/s2/cs/workshop01/updates/log
A /2020/s2/cs/workshop01/updates/updater.bash
A /2020/s2/cs/workshop02
A /2020/s2/cs/workshop02/Makefile
A /2020/s2/cs/workshop02/updates
A /2020/s2/cs/workshop02/updates/installer.bash
A /2020/s2/cs/workshop02/updates/log
A /2020/s2/cs/workshop02/updates/updater.bash
A /2020/s2/cs/workshop03
A /2020/s2/cs/workshop03/Makefile
A /2020/s2/cs/workshop03/updates
A /2020/s2/cs/workshop03/updates/installer.bash
A /2020/s2/cs/workshop03/updates/log
A /2020/s2/cs/workshop03/updates/updater.bash
A /2020/s2/cs/workshop04
A /2020/s2/cs/workshop04/Makefile
A /2020/s2/cs/workshop04/updates
A /2020/s2/cs/workshop04/updates/installer.bash
A /2020/s2/cs/workshop04/updates/log
A /2020/s2/cs/workshop04/updates/updater.bash
A /2020/s2/cs/workshop05
A /2020/s2/cs/workshop05/Makefile
A /2020/s2/cs/workshop05/updates
A /2020/s2/cs/workshop05/updates/installer.bash
A /2020/s2/cs/workshop05/updates/log
A /2020/s2/cs/workshop05/updates/updater.bash
A /2020/s2/cs/workshop06
A /2020/s2/cs/workshop06/Makefile
A /2020/s2/cs/workshop06/updates
A /2020/s2/cs/workshop06/updates/installer.bash
A /2020/s2/cs/workshop06/updates/log
A /2020/s2/cs/workshop06/updates/updater.bash
A /2020/s2/cs/workshop07
A /2020/s2/cs/workshop07/Makefile
A /2020/s2/cs/workshop07/updates
A /2020/s2/cs/workshop07/updates/installer.bash
A /2020/s2/cs/workshop07/updates/log
A /2020/s2/cs/workshop07/updates/updater.bash
A /2020/s2/cs/workshop08
A /2020/s2/cs/workshop08/Makefile
A /2020/s2/cs/workshop08/updates
A /2020/s2/cs/workshop08/updates/installer.bash
A /2020/s2/cs/workshop08/updates/log
A /2020/s2/cs/workshop08/updates/updater.bash
A /2020/s2/cs/workshop09
A /2020/s2/cs/workshop09/Makefile
A /2020/s2/cs/workshop09/updates
A /2020/s2/cs/workshop09/updates/installer.bash
```

```
A /2020/s2/cs/workshop09/updates/log
A /2020/s2/cs/workshop09/updates/updater.bash
A /2020/s2/cs/workshop10
A /2020/s2/cs/workshop10/Makefile
A /2020/s2/cs/workshop10/updates
A /2020/s2/cs/workshop10/updates/installer.bash
A /2020/s2/cs/workshop10/updates/log
A /2020/s2/cs/workshop10/updates/updater.bash
A /2020/s2/cs/workshop11
A /2020/s2/cs/workshop11/Makefile
A /2020/s2/cs/workshop11/updates
A /2020/s2/cs/workshop11/updates/installer.bash
A /2020/s2/cs/workshop11/updates/log
A /2020/s2/cs/workshop11/updates/updater.bash
A /2020/s2/cs/workshop12
A /2020/s2/cs/workshop12/Makefile
A /2020/s2/cs/workshop12/updates
A /2020/s2/cs/workshop12/updates/installer.bash
A /2020/s2/cs/workshop12/updates/log
A /2020/s2/cs/workshop12/updates/updater.bash
```

cs-directory-structure

Authorised by: Head of School, School of Computer Science

Maintained by: School of Computer Science

Last Updated: 8 Feb 2020

CRICOS Provider Number 00123M