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TA1

* 1. a. String string = bad&Name;

b. pushString(This is my string); - no “ ” around the string.

c. char thisString = “String”;

1.8 For the most part make does a good job of assessing which files need recompiling. There is extra work involved if a dependency is moved to a new location. The file my not need to be recompiled but make will detect the change. Make will not properly recompile dependency files if the compilation of the dependencies is not part of the main file compilation.

2.1 a. s = {a-z, A-Z, 0-9}

R = “((/ ” | /)\*s\*(/ ” | / )\*)\*”

b. s = {all characters}

R = (\* (s\*) \*)

e. n = {0-9}

R= n\*.#\*

f. d = {all digits except zero} z = {all digits}

R = $(\*)\*(0 | d)(z| zz | (zzz,)\*)(.zz | e)

2.13 a.

stmt

|

subr\_call

/ | | \

ID ( arg\_list )

/ \

expr args\_tail

/ \ / \

primary expr\_tail , arg\_list

| | / \

ID e expr args\_tail

| / \ \

a primary expr\_tail e

| |

ID e

|

b

2.17