



Quiz 9: Shell Programming, Secure Shell

Do not refer to any printed material.

No talking or discussion is allowed until the answer sheets are all collected.

Review:

1. Which of the following software fully supports regular expressions:
 - (A) Java
 - (B) Microsoft Word
 - (C) VB.NET
 - (D) C#
 - (E) All the above
2. Only one of the following regular expressions matches a line that contains **exactly** five characters:
 - (A) '.....'
 - (B) '{5}'
 - (C) '*****'
 - (D) '?????'
 - (E) '^.....\$'
3. Which of the following regular expressions matches at least three letter 'a's *anywhere* on the line, i.e., even if there are any number of other characters between the 'a's'?
 - (A) 'a.*a.*a'
 - (B) 'aaa'
 - (C) 'a{3}'
 - (D) 'a?a?a'
 - (E) '^AAA\$'

Preparation:

4. *Secure Shell* is:
 - (A) what Nick uses to connect to his desktop machine to show the lectures and laboratory work
 - (B) not useful for remote administration
 - (C) always requires you to use a special hardware password device to authenticate yourself, rather like a pocket calculator
 - (D) is just another name for `bash`
 - (E) is not useful for port forwarding, or carrying other network traffic, and does not use encryption
5. *awk* is:
 - (A) a programming language useful for separating input data into columns and operating on them
 - (B) short for **awk**ward, because the syntax is very different from Java, and is rather awkward to learn
 - (C) short for “**a**pples, **w**atermellon and **k**umquat”
 - (D) does not support regular expressions
 - (E) another word for metacharacter