CSPB 3308 Summer 2024 - Nath - Software Development Methods and Tools

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Started on	Friday, 24 May 2024, 5:50 PM
State	Finished
Completed on	Friday, 24 May 2024, 5:56 PM
Time taken	5 mins 40 secs
Grade	**10.00** out of 10.00 (**100**%)

Question **1**

Correct

Mark 1.00 out of 1.00

Which of the following regular expressions will best match text in order to find a valid user name?

Select one:

   ○ a. /^.*\.bin|exe$/

   ◉ b. /^[a-z0-9_-]{3,16}$/   ✔

   ○ c. /^[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,}$/

> Your answer is correct.
>
> The correct answer is: /^[a-z0-9_-]{3,16}$/

Question **2**

Correct

Mark 0.50 out of 0.50

What character represents the beginning of a line in a regular expression?

Answer: ^   ✔

> The correct answer is: ^

Question **3**

Correct

Mark 0.50 out of 0.50
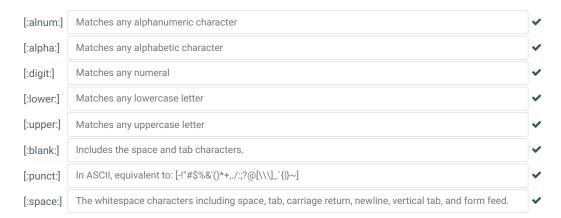
What character represents the end of a line (not the newline, that is different) in a pattern-matching regular expression?

Answer: $ ✔

The correct answer is: $

Question **4**

Correct

Mark 0.50 out of 0.50

What character is used to match any one character in a pattern-matching regular expression?

Answer: . ✔

The correct answer is: .

Question **5**

Correct

Mark 0.50 out of 0.50

What character is used to represent one or more characters from the previous token in a regular expression?

Answer: + ✔

The correct answer is: +

Question **6**

Correct

Mark 1.00 out of 1.00

Match the Regular Expression class with its description.

[:alnum:]	Matches any alphanumeric character	✔
[:alpha:]	Matches any alphabetic character	✔
[:digit:]	Matches any numeral	✔
[:lower:]	Matches any lowercase letter	✔
[:upper:]	Matches any uppercase letter	✔
[:blank:]	Includes the space and tab characters.	✔
[:punct:]	In ASCII, equivalent to: [-!"#$%&'()*+,./:;?@[\\\]_`{|}~]	✔
[:space:]	The whitespace characters including space, tab, carriage return, newline, vertical tab, and form feed.	✔

Your answer is correct.

The correct answer is: [:alnum:] → Matches any alphanumeric character, [:alpha:] → Matches any alphabetic character, [:digit:] → Matches any numeral, [:lower:] → Matches any lowercase letter, [:upper:] → Matches any uppercase letter, [:blank:] → Includes the space and tab characters., [:punct:] → In ASCII, equivalent to: [-!"#$%&'()*+,./:;?@[\\\]_`{|}~], [:space:] → The whitespace characters including space, tab, carriage return, newline, vertical tab, and form feed.

Question **7**

Correct

Mark 1.00 out of 1.00

What command can be used in a script to write a string to the output?

Answer: | echo | ✔

The correct answer is: echo

Question **8**

Correct

Mark 1.00 out of 1.00

What command is used to show the previous commands that have been used in this session?

Answer: history ✔

The correct answer is: history

Question **9**

Correct

Mark 1.00 out of 1.00

What command do you use to change the permissions of a file?

◯ a. chown

◯ b. perm

◯ c. passwd

◉ d. chmod ✔

Your answer is correct.

The correct answer is: chmod

Question **10**

Correct

Mark 1.00 out of 1.00

What do the "r,w,x" permissions represent?

◯ a. reading, writing, deleting

◉ b. reading, writing, executing ✔

◯ c. red, white, none

◯ d. relative, working, removed

Your answer is correct.

The correct answer is: reading, writing, executing

Question **11**

Correct

Mark 1.00 out of 1.00

From the list below, select all the **required keywords** for an IF statement in a shell script.

Select one or more:

☐ a. OR

☐ b. AND

☑ c. FI   ✔

☐ d. WHILE

☐ e. DONE

☐ f. NOT

☐ g. ELSE

☑ h. THEN   ✔

☐ i. DO

☐ j. RETURN

Your answer is correct.

The correct answers are: FI, THEN

Question **12**

Correct

Mark 1.00 out of 1.00

Given a script called *myscript* contains the following:

```
cd ..

echo $2 $1
```

What will the script output when the following command is entered:
myscript first second

Answer: second first   ✔

The correct answer is: second first