

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

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**Started on** Tuesday, 21 May 2024, 9:34 PM

**State** Finished

**Completed on** Tuesday, 21 May 2024, 9:41 PM

**Time taken** 6 mins 43 secs

**Grade** 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

What is the Current Working Directory if you are in the directory highlighted below?  
(Indentation is used to display a subdirectory)

```
/CSPB
├── Courses
│   ├── CSPB-1300
│   │   ├── Instructors
│   │   └── Materials <-----
│   ├── CSPB-2270
│   │   ├── Instructors
│   │   └── Materials
│   ├── CSPB-2400
│   │   ├── Instructors
│   │   └── Materials
│   └── CSPB-3308
│       ├── Instructors
│       └── Materials
├── Data
└── Exam_Questions
```

- ☐ a. ../Materials/../CSPB-1300/../Courses/../CSPB
- ☐ b. /CSPB/Courses/CSPB=1300/Materials
- ☐ c. /cspb/courses/cspb-1300/materials
- ☐ d. /Materials/CSPB-1300/Courses/CSPB
- ☐ e. /CSPB/Courses/cspb-1300/Materials
- ☐ f. CSPB/Courses/cspb-1300/Materials
- ☐ g. /cspb/courses/cspb-1300/Materials
- ☒ h. /CSPB/Courses/CSPB-1300/Materials



Your answer is correct.

Question 2

Correct

Mark 1.00 out of 1.00

What is the command to change the current working directory from the **FROM** directory to the **TARGET** directory using a *relative* path?

```
/CS
├── Courses
│   ├── CS-1300
│   │   ├── Instructors
│   │   └── Materials
│   ├── CS-2270
│   │   ├── Instructors  <----- TARGET
│   │   └── Materials
│   ├── CS-2400
│   │   ├── Instructors
│   │   └── Materials
│   └── CS-3308
│       ├── Instructors
│       └── Materials  <----- FROM
├── Data
└── Exam_Questions
```

(Indentation is used to display a subdirectory)

- ☐ a. `cd ../../CS-2270/Materials`
- ☐ b. `cd ../CS-2270/Instructors`
- ☐ c. `cd ../../CS-3308/Materials`
- ☒ d. `cd ../../CS-2270/Instructors`
- ☐ e. `cd CS/Courses/cs-2270/Instructors`
- ☐ f. `cd ../CS-3308/Materials`
- ☐ g. `cd ../../cs-2270/instructors`
- ☐ h. `../CS-3308/Materials`



Your answer is correct.

Question **3**

Correct

Mark 1.00 out of 1.00

Which command shows where the user currently is in the file directory?

Select one:

- ☐ a. mv
- ☐ b. ls
- ☐ c. cwd

☒ d. pwd☐ e. cd

Your answer is correct.

## Question 4

Correct

Mark 1.00 out of 1.00

What is the special path character that represents the current user's home directory?

☐ a. .☐ b. ..☐ c. &☐ d. !☐ e. |☐ f. >☐ g. <☒ h. ~

Your answer is correct.

## Question 5

Correct

Mark 1.00 out of 1.00

What command do you use to make a new directory (subdirectory) named **cs3308** in the current working directory?

Answer: 

Any of the following will create a subdirectory in the current working directory:

mkdir ./cs3308

mkdir cs3308/

mkdir cs3308

## Question 6

Correct

Mark 1.00 out of 1.00

What is the command for listing files in a directory :

in time order with long listing format?

ls -lt ✓

with most recent first ?

ls -t ✓

in alphabetical order?

ls ✓

in alphabetical order including hidden files?

ls -a ✓

Your answer is correct.

## Question 7

Correct

Mark 1.00 out of 1.00

Which of the following filenames will be hidden from normal listings of files in a directory?

☐ a. hidden/secret\_file

☐ b. ./secret\_file

☐ c. ~secret\_file

☒ d. .secret\_file ✓

☐ e. ~/secret\_file

Your answer is correct.

## Question 8

Correct

Mark 1.00 out of 1.00

Which of these commands lists the files in the pictures directory in order by file size?

Select one:

☐ a. ls --size pictures

☐ b. ls -s pictures

☒ c. ls -lS pictures ✓

☐ d. ls -lk pictures

Question 9

Correct

Mark 1.00 out of 1.00

If this is the file hierarchy:

```
/CS
├── Courses
│   ├── CS-1300
│   │   ├── Instructors
│   │   └── Materials
│   ├── CS-2270  <----- current working directory
│   │   ├── Instructors
│   │   └── Materials
│   ├── CS-2400
│   │   ├── Instructors
│   │   └── Materials
│   └── CS-3308
│       ├── Instructors
│       └── Materials
├── Data
└── Exam_Questions
```

(Indentation is used to display a subdirectory)

How many directory names and filenames are listed when we issue the following command:

```
ls /CS/Courses/*
```

- ☒ a. 12
- ☐ b. 4
- ☐ c. 16
- ☐ d. 0
- ☐ e. 1
- ☐ f. 3
- ☐ g. 2



Your answer is correct.

Question **10**

Correct

Mark 1.00 out of 1.00

What have you created when you create an entry in a directory that references another file?

- ☒ a. symbolic link
- ☐ b. charade link
- ☐ c. linker for executable
- ☐ d. file alias



Your answer is correct.