

Q9_10 Results for Mualla Argin

Score for this attempt: **4** out of 5

Submitted Feb 11 at 10:53pm

This attempt took 180 minutes.

Question 1

0 / 1 pts

What would be the content of **buf** upon the execution of the following code snippet? Assume the file baz.tzt contains the text string **"Howdy"**.

```
char buf [4];  
int fd = open ("baz.tzt", O_RDONLY);  
int nbytes = read(fd, buf, sizeof(buf));  
nbytes = read(fd, buf, sizeof(buf));
```

You Answered

How

Correct Answers

yowd

Question 2

1 / 1 pts

In the following code, what are the **access permissions at the user, group, and other levels for the file test.txt assuming the open() system call succeeds**? Write them in **octet** format. *For example, if the user, group, and other each had RWX permissions, you'd write 0777.* If you are not clear on the symbolic notations for permission modes, you may refer to the MAN pages for open here: [open\(\)](https://man7.org/linux/man-pages/man2/open.2.html) (<https://man7.org/linux/man-pages/man2/open.2.html>)

```
int main (){
    int fd = open ("test.txt",
O_WRONLY|O_CREAT|O_TRUNC,
S_IRWXU|S_IRGRP|S_IWOTH);
    if (fd<0){
        perror ("Cannot create file
");exit(0);
    }
    cout << "File created successfully" << endl;
}
```

Correct!

0742

Correct Answers

0742

rwxr---w-

00742

Question 3

1 / 1 pts

In UNIX, what will a successful execution of the open() system call return?

Correct!

- ☒ pointer to an entry in the file table
- ☐ pointer to an entry in the vnode table
- ☐ file to the process that called the open() system call

Question 4

1 / 1 pts

A refcnt of 2 for an entry in the vnode table means that

Correct!☐

the file table entry pointing to the vnode entry in question must also contain a refcnt of 2

☒

the file corresponding to the vnode entry in question is being accessed by at least 2 file descriptors

☐

the file corresponding to the vnode entry in question is being accessed by at most 2 file descriptors

Question 5**1 / 1 pts**

Which function can be used instead of dup2() to duplicate the file descriptor?

☐ read()☐ open()☒ fcntl()☐ stat()**Correct!****Quiz Score: 4 out of 5**