

Assignment 2: Linux OS, Perl and PHP

Q. Write a menu-based script which displays the following options:

1. Make a file.
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit

Enter your option:

If the user selects option 1, accept a file name from the user. If the file exists, then display an error message pass the control to the menu. If the file does not exist, then allow the user to enter some data. Pressing would save the contents and display the menu.

```
(base) taseng@krypton:~/aataseng/1cdac/linux_assign2$ ls
backup  course  program  task.bash
(base) taseng@krypton:~/aataseng/1cdac/linux_assign2$ bash task.bash

*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 1
Enter file name: course
Error! File "course" already exist.
```

```
*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 1
Enter file name: linux
Enter some data: this is linux course
```

If the user selects option 2, then accept a file name from the user. If the file exists, then display the contents of the file. If the file does not exist, then display suitable error message. After this process, display the menu to accept another option.

```
*****  
1. Make a file  
2. Display contents  
3. Copy the file  
4. Rename the file  
5. Delete the file  
6. Exit  
*****
```

```
Enter your option: 2  
Enter a file name: linux  
this is linux course
```

```
*****  
1. Make a file  
2. Display contents  
3. Copy the file  
4. Rename the file  
5. Delete the file  
6. Exit  
*****
```

```
Enter your option: 2  
Enter a file name: ubuntu  
File "ubuntu" does not exist.
```

Selecting Option 3 allows the user to accept the source file and target file. If the source file exists and is readable, then accept the target file name. If the source file does not exist, then display suitable error message. If the target file does not exist, then copy the contents of the source file to the target file. If the target file exists, then display suitable message and go back to the menu.

```
*****
```

1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit

```
*****
```

```
Enter your option: 3
```

```
Enter the source file name: linux
```

```
Enter the target file name: program
```

```
Copying file "linux" to "program"
```

```
*****
```

1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit

```
*****
```

```
Enter your option: 4
```

```
Enter the source file name: linux
```

```
Enter the target file name: program
```

```
The target file "program" already exist.
```

Option 4 is similar to option 3 but rename the file instead of copying.

```
*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 4
Enter the source file name: linux
Enter the target file name: course2
Renaming file "linux" to "course2"
```

Selecting option 5 allows the user to enter a file name. If the file exists, then check to see if it is writable. If so, then delete the file with confirmation from the user. If the file does not exist, then display suitable error message.

```
*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 5
Enter a filename: linux
Error: The file "linux" does not exist.

*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 5
Enter a filename: course2
Do you want to delete the file "course2", y or n: y
File "course2" deleted!
```

Entering 6 or any other option other than 1 to 5, will exit the program

```
*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 6
Exiting, GOOD-BYE!
(base) taseng@krypton:~/aataseng/1cdac/linux_assign2$ bash task.bash

*****
1. Make a file
2. Display contents
3. Copy the file
4. Rename the file
5. Delete the file
6. Exit
*****

Enter your option: 8
Exiting, GOOD-BYE!
(base) taseng@krypton:~/aataseng/1cdac/linux_assign2$
```