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Chapter 9	-	
Quoting Mechanisms		
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Overview		
	-	
■ Quoting metacharacters     ■ Here documents	-	
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Lesson: Quoting metacharacters		
Backslash	-	
' Single Quotes	-	
" Double Quotes	_	
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	-	 —
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removes the special meaning of the next character.

Secho the \\ escapes the next character the \ escapes the next character
Scolor=red\ white\ and\ blue
Secho the value of \Scolor is Scolor the value of Scolor is red white and blue
Secho one two \
three four
one two three four

### Quoting - '

removes the special meaning of all characters surrounded by the single quotes.

# Quoting - "

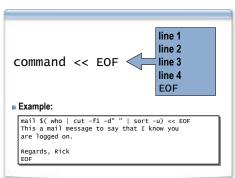
" removes the special meaning of all characters surrounded buy the double quotes except ",\ and \$, including \${variab1e} and \$(command).

\$ color="red white and blue"
\$ echo "the value of \\$color is \\$color"
the value of \\$color is red white and blue
\$ curdir="\$LOGNAME - Your current dir is \\$(pwd) "
\$ echo \\$curdir
\$ stu03 - Your current dir is \home/user3/tree
\$ echo "they're all here: \\, ', \" "
they're all here: \\, ', "

Lesson: Here	documents
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- What is a Here Document
- **■** Using a Here Document
- **■** Here Document Quoting
- Ignoring Leading Tabs

### What is a Here Document



### **Using a Here Document**

### **Here Document Quoting**

To include the special characters, quote them:

\$ cat << TEST
> Do I see a \\$, a \', and a \\?
> TEST
Do I see a \\$, a ', and a \

To remove all shell interpretation, just quote any part of the here document's marker:

\$ cat << \TEST2
> Do I see a \\$, a ', and a \ ?
> TEST2
Do I see a \\$, a ', and a \ ?
> TEST2

Do I see a \\$, a ', and a \ ?
> HEY, what's the value of your \\$PATH?
> And what does 'uname -n' tell you?
> X

### **Ignoring Leading Tabs**

- When you follow the << with a dash (-), then any leading tabs on lines of the here document will be ignored.
- Example:

```
for recipient
do
mail $recipient <<- END_of_MEMO
This a mail message to say that I know you
are logged on at $(date +"Date: %D Time: %T")

Regards, $LOGNAME
END_of_MEMO
done
```

#### **Review Exercises**



# **Topics for Review**

	1 Read the review topics 2 Think about what you learned in this Session in the context of your own work environment 3 Discuss your answers as a class	
2		