Variables:

-	We can use any name to create a variable so that it contains only letters (a to z or A to Z), numbers		
	0 to 9) or the underscore character (_). For example:		
	NAME="John"	//creates a variable called NAME that has the value "John"	

- echo is a statement that's used to print a text or a variable value. For example:

echo NAME //prints the text "NAME"

echo \$NAME //prints "John"
echo "\$NAME" //prints "John"
echo "\${NAME}!" //prints "John!"

- read is a statement that's used to read value and save it in a variable name. For example:

read x //reads a value from the user and save it in x

read -s x //reads a value from the user (silently) and save it in x

- Here are some important variables we can deal with:

\$HOME //the current user home directory
\$PWD //the current working directory

\$* //all arguments "double quoted"

\$@ //all arguments "individually double quoted"

\$# //the number of given arguments

Expressions:

- You can run expressions such as +, -, *, /, % using \$(()) such as:

(x+y) or `expr \$x+\$y`

Other types of expressions (executing statements can be run using \$():

\$(cat myfile.txt)

Note: a shell script file should start with: #! /bin/sh

If [] then fi:

Files verification operators				
if [-e "\$FILE"] if [-d "\$FILE"] if [-r "\$FILE"] if [-x "\$FILE"] if [-x "\$FILE"]	//verifies if its a file that exist//verifies if it was a directory//verifies if the file is readable//verifies if the file is executable//verifies if the file is writable			
Text comparison operators				
if [\$var='some_text'] if [\$var!='some_text']	//verifies if the value of v equals "some_text"//verifies if the value of v not equal to "some_text"			
Numbers comparison operators				
if [\$var -eq 10] if [\$var -ne 10] if [\$var -gt 10]	//verifies if the value of v equals to 10//verifies if the value of v is not equal to 10//verifies if the value of v is greater than 10			

if [\$var -ge 10] if [\$var -lt 10] if [\$var -le 10]	//verifies if the value of v is greater or equal to 10//verifies if the value of v is less than 10//verifies if the value of v is less or equal to 10			
Boolean comparison operators				
if [condition1 -a condition2] if [condition1 -o condition2]				

For loop:

for i in SOME_VALUES do	for i in 1 2 3 4; do for i in \$(cat filename); do	//loop through values 1 2 3 4 //loop through file lines
echo \$i done	for i in \$@	//loop through all args

While loop:

// loop while x<10	// loop through file content and print it
x=10	while read LINE
while \$x le- 10	do
do	echo \$LINE
echo \$x	done < data.txt
x=\$((x+1))	
done	