

11. Variables - Part III

[illegible]

```
foo=sun
echo $fooshine # $fooshine is undefined
echo ${foo}shine # displays the word "sunshine"
```

0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 (undefined),
 null 0000 0000 0000 0000 (0000 0000 0000 0000 null 0000 0000 0000 0000).



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```
#!/bin/sh
echo -en "What is your name [ `whoami` ] "
read myname
if [ -z "$myname" ]; then
    myname=`whoami`
fi
echo "Your name is : $myname"
```

```
echo "-en"      # echo -n (bash & csh). Dash, Bourne  
# , \c         . Ksh   "RETURN"  
#            : 
```

```
steve$ ./name.sh
What is your name [ steve ] RETURN
Your name is : steve
```

Diagram illustrating the sequence of rectangles: a rectangle with 2 vertical bars, a rectangle with 3 vertical bars, a rectangle with 4 vertical bars, followed by an ellipsis and a vertical bar.

```
steve$ ./name.sh
What is your name [ steve ] foo
Your name is : foo
```

[illegible]

```
echo -en "What is your name [ `whoami` ] "  
read myname  
echo "Your name is : ${myname:-`whoami`}"
```

When you run this script, it will prompt you for your name. If you don't provide a name, it will default to the output of the `whoami` command. The `read` command reads input from the user and stores it in the `myname` variable. The `echo` command then prints the value of `myname`, or the output of `whoami` if `myname` is empty.

```
echo "Your name is : ${myname:-John Doe}"
```

When you run this script, it will prompt you for your name. If you don't provide a name, it will default to `John Doe`. The `read` command reads input from the user and stores it in the `myname` variable. The `echo` command then prints the value of `myname`, or `John Doe` if `myname` is empty.

Using and Setting Default Values

When you run this script, it will prompt you for your name. If you don't provide a name, it will default to the output of the `whoami` command. The `read` command reads input from the user and stores it in the `myname` variable. The `echo` command then prints the value of `myname`, or the output of `whoami` if `myname` is empty.

```
echo "Your name is : ${myname:=John Doe}"
```

When you run this script, it will prompt you for your name. If you don't provide a name, it will default to `John Doe`. The `read` command reads input from the user and stores it in the `myname` variable. The `echo` command then prints the value of `myname`, or `John Doe` if `myname` is empty.

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