

11. Variables - Part III

[illegible]

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

null (undefined),
 null (undefined).

???

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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"
```

[illegible]

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

...

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

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```
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 press enter without typing anything, the script will use the output of the `whoami` command as the default value for `myname`.

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

If you run this script and press enter without typing anything, the output will be `John Doe`. If you type a name and press enter, the output will be the name you typed.

Using and Setting Default Values

The syntax for setting a default value is `${variable:-default_value}`.

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

If you run this script and press enter without typing anything, the output will be `John Doe`. If you type a name and press enter, the output will be the name you typed. The default value is set to `John Doe`.

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