

To create a file:

```
vi exp3
```

To type into file:

```
Press "i" key  
<start typing>
```

To save and exit the file:

```
esc  
:wq
```

To give permissions:

```
chmod u+x exp3  
./exp3
```

Variable declaration:

```
num=10  
x=*  
y=`date`  
a="Hello, 'he said'"
```

Command	Output
echo num	num
echo \$num	10
echo \$x	*
echo '\$x'	\$x
echo "\$x"	"*"
echo \$y	Mon Feb 6 11:10:36 IST 2023
echo \$(date)	Mon Feb 6 11:10:36 IST 2023
echo \$a	
echo \ \$num	\$num
echo \ \$\$num	\$10

```
~ > echo -n "Enter file name : "
```

```
Py base at 12:08:55 PM
```

```
read file
```

```
# find out if file has write permission or not
```

```
[ -w $file ] && W="Write = yes" || W="Write = No"
```

```
# find out if file has excute permission or not
```

```
[ -x $file ] && X="Execute = yes" || X="Execute = No"
```

```
# find out if file has read permission or not
```

```
[ -r $file ] && R="Read = yes" || R="Read = No"
```

```
echo "$file permissions"
```

```
echo "$W"
```

```
echo "$R"
```

```
echo "$X"
```

```
Enter file name : Hello
```

```
Hello permissions
```

```
Write = No
```

```
Read = No
```

```
Execute = No
```