

```
1 #!/bin/bash
2
3 echo "Enter a directory name."
4 read name
5
6 while echo $name | egrep-v "^[a-z] {16}$" > /dev/null 2>&1
7 do
8     echo "You must enter a valid dir name - 16 character limit."
9     echo "Enter a valid directory name."
10 done
11
12 echo "Directory $name was created"
```

```
james@james-VirtualBox:~/Desktop$ ./makedir2.sh
Enter a directory name.
test
Directory test was created
```

```
1 #!/bin/bash
2
3 #check name
4 echo "enter your name"
5 read name
6
7 if [ -n "$name" ]
8 then
9     echo "valid name"
10 else
11     echo "invalid name"
12 fi
13
14 #check dir
15 echo "enter a directory name"
16 read dirname
17
18 if [ -n "$dirname" ]
19 then
20     echo "valid directory name"
21     if [ -d "$dirname" ]
22     then
23         echo "$dirname is a directory"
24     else
25         echo "$dirname is not a valid directory"
26     fi
27 else
28     echo "invalid input"
```

```
james@james-VirtualBox:~/Desktop$ ./checknamedir.sh
enter your name
james
valid name
enter a directory name
desktop
valid directory name
desktop is not a valid directory
```