UNIX Bugs Session-4

Fix the bugs (Syntactical and Logical) in the below programs

1. Check syntactical error?

```bash
#!/bin/bash
#==============================================================
# File name: BigNum.sh
# Date     : 10-Jun-14
# Author   : Satish Mongam
# Description: Finds the greatest number among 3 given numbers
#==============================================================

echo "Enter ur first number"
read firstNum
echo "enter ur second number"
read secondNum
echo "Enter ur third number"
read thirdNum
if  $firstNum -gt $secondNum -a $firstNum -gt $thirdNum ; then
 echo "the biggest Number is : $firstNum"
elif  $secondNum -gt $thirdNum  ; then
echo "the biggest Number is : $secondNum"
else
echo "the biggest Number is : thirdNum"
fi
```

2. Find logical error?

```bash
#!/bin/bash
#==============================================================
# File name: OddNums.sh
# Date     : 10-Jun-14
# Author   : Satish Mongam
# Description:prints odd numbers from the given range
#==============================================================

echo "enter numbers limit"
read limit
i=1
while [ $i -le $limit ]
do
if [ `expr $i \% 2` != 0 ]
then
echo $i
fi
done
```

3. Check syntactical error?

```
#!/bin/bash
#===============================================================
# File Name: PrimeOrNot.sh
# Date      : 10-Jun-14
# Author    : Satish Mongam
# Description: It finds, whether the given number is prime or not
#===============================================================

echo "enter your number"
read num
count=0
i=1
while [ $i <= $num ]
do
if [ `expr $num \% $i ` -eq 0 ]
then
count=`expr $count \+ 1`
fi
i=`expr $i \+ 1`
done
if [ $count = 2 ]
then
echo "the given number is prime number"
else
echo "the given number is not a prime number"
fi
```