Lab Assignment 5

1) read a;

read v;

read c;

if [ $a -gt $v ]

then

if [$a -gt $c ]

then

echo $a

else

echo $c

fi

else

if [ $v -gt $c ]

then

echo $v

else

echo $c

fi

fi

2)echo `ls -F | grep -v /| wc -l`

3) i=1

until [ $i -gt 10 ]

do

echo $i

i=`expr $i + 1`

done

4)read x;

user=`whoami`

if [ "$user" = "$x" ]

then

echo "Correct User"

else

echo "Incorrect User"

fi

5)echo "" > employee.txt

ch="y"

while [ "$ch" = "y" ]

do

read name;

read grade;

read salary;

echo $name","$grade","$salary >> employee.txt

read ch;

done

6)read a;

case $a in

1)

echo "Hello yourself!"

;;

2)

echo "See you again!"

break

;;

\*)

echo "Sorry, I don't understand"

;;

esac

7)read FILE;

if [ -f "$FILE" ];

then

echo "File $FILE exist."

else

echo "File $FILE does not exist"

fi

8)read n;

ls -l| grep $n | sed -E -e 's/[[:blank:]]+/\n/g' | head -n1

9)read n;

i=0

sum=0

while [ $i -lt $n ]

do

read s;

sum=`expr $sum + $s`

i=`expr $i + 1`

done

echo $sum

10)awk '{}

sum+=$8;

END{print sum}' emp.txt

11)read src

read targ

cp $src $targ

12)i=0

n=1

while [ "$i" -lt 10 ]

do

echo $n

n=`expr $n + 2`

i=`expr $i + 1`

done

13)read a;

n=1

fact=1

while [ "$n" -le "$a" ]

do

fact=`echo $(($fact\*$n))`

n=`expr $n + 1`

done

echo $fact

14)read n;

sum=0

while [ $n -gt 0 ]

do

r=`expr $n % 10`

n=`expr $n / 10`

sum=`expr $sum + $r`

done

echo $sum

15)read n;

q=0

r=1

echo $q

echo $r

while [ $n -gt 2 ]

do

d=$r

r=`expr $r + $q`

q=$d

n=`expr $n - 1`

echo $r

done

16)read n;

r=0

while [ $n -gt 0 ]

do

q=$(($n % 10))

w=$(($r \* 10))

r=`expr $q + $w`

n=$(($n/10))

done

echo $r