Prog-1

#I/bin/sh  
echo $((1 + 3 + 4))

$Sal=1000

$TA=100

$DA=200

echo Total Salary is ( $Sal+$TA+$DA)

Ans:8

Prog-2 default data

#!/bin/sh  
if [ "$1" = "1" ]  
then  
echo "The first choice is nice"  
elif [ "$1" = "2" ]  
then  
echo "The second choice is just as nice"  
elif [ "$1" = "3" ]  
then  
echo "The third choice is excellent"  
else  
echo "I see you were wise enough not to choose"  
echo "You win"  
fi

Prog-3 IF

for file in \*  
do  
if [ ! -d $file ] #ie: if $file isn’t a directory  
then  
echo "wc $file ownerID, permisions, size, date are"  
wc $file  
else  
echo "$file is a directory"  
fi  
done

Prog-4

cd  
for file in .?\*  
do  
#Now check for some common filenames.  
case $file in  
.kshrc) echo "You have a Korn Shell set-up file";;  
.bashrc) echo "You have a Bash Shell set-up file";;  
.Xdefaults) echo "You have an X resource file";;  
.profile) echo "You have a shell login file";;  
esac  
done

Prog-5- Giving Arguments

#!/bin/sh  
if [ $# = 1 ]  
then  
string="It is "  
ending=""  
else  
string="They are "  
ending="s"  
fi  
echo This $0 command has $# argument${ending}.  
if [ $# != 0 ]  
then  
echo $string $\*  
fi

Prog-5- Counting Words

#!/bin/sh  
echo "Type a word"  
read word  
echo $word is $(echo -n $word | wc -c) letters long  
echo or $word is ${#word} letters long