

Ans1.

```
echo Enter word?
read word
var = ${word^}
echo $var
```

Ans2:

```
echo -num "Enter Number"
read num
temp =0
add = 0
while [$num -gt 0]
do
    temp=$(( $num % 10 ))
    num=$(( $num / 10 ))
    sum=$(( $sum + $temp ))
done
echo "Additon of all Numbers $ad"
```

Ans3:

```
#!/bin/bash
read -n "Enter Number A and B : " a b
if [ "$*" == "" ]; then
    echo "No arguments provided"
    exit 1
fi
result=$(( a * b ))
echo "$a * $b = $result"
```

Ans4:

```
#!/bin/bash
echo "Enter First Number"
read num1
echo "Enter Second Number"
read num2

if [ "$*" == "" ]; then
    echo "No arguments provided"
    exit 1
fi
result=$(( num1 * num2 ))
echo "$num1 * $num2 = $result"
```

Ans5:

```
echo "Enter name to create directory"
read dirrctoryname

if [ ! -d "$dirrctoryname" ]
then
    echo "File doesn't exist than create new directory"
    mkdir ./$dirrctoryname

    echo "Directory created"

else
    echo "Directory exists"
    echo "Enter the name of file: "
    read filename
    if [ -e $filename ]
    then
        echo $filename" File exist"if [ -s $filename ]
        then
            echo $filename" Size of File > 0"else
            rm $filename
            echo $filename" Delete !!! File which have size 0 byte"
        fi
    else
        echo "File not exist"
    fi
fi

fi
ln -s /dirrctoryname ~/pathABC
cd ~/pathABC
echo "Enter the File Name to Create"
read filename
touch ./$filename
```