

Ans to the Question Number 8(a)

```
(LET (  
  (a ( * 41 9)) // biding 41*9 to a  
  (b ( * 5 23)) // binding 5*23 to b  
  (c ( / b 7)) //binding b/7 to c  
  (+ a c)      // returning a+c  
)
```

Ans to the Question number 9(b)

```
#!/usr/bin/bash  
  
if [ "$#" -lt 2 ]; then  
  echo "Error: You must enter at least 2 parameters"  
else  
  index=1  
  if [[ $1 -gt $2 ]]; then if 1st argument  
  
    echo "Greater"  
  
    elif [[ $1 -lt $2 ]]; then  
      echo "Less"  
  
    else  
  
      echo "Equal"  
    fi  
  fi  
fi
```

Ans to the Question number 10(b)

```
#!/usr/bin/bash  
  
if [ "$#" -lt 1 ]; then  
  echo "Error: You must enter at least 1 parameter"  
else  
  
  x=`ls -l | grep -wv total | sort -t' ' -nrk 5 | cut -d "  
" -f5,9`  
  z=`ls -l | grep -wv total | sort -t' ' -nrk 5 | cut -d "  
" -f5`  
  if [[ $z -gt $1 ]]; then  
    for y in $x; do  
      echo $y  
    done  
  fi  
fi
```

Ans to the Question Number 11

```
#!/usr/bin/bash

if [ "$#" -lt 2 ]; then
    echo "Error: You must enter at least 2 parameters"
else
    if [[ $1 lt 1 || $2 [ ! -d "$2" ] ]]; then
        echo "Error"
    else
        while [ $1 -gt 0 ]; do
            # get Remainder
            k=$(( $1 % 10 ))

            # get next digit
            $1=$(( $1 / 10 ))

            # calculate sum of
            # digit
            s=$(( $s + $k ))
        done
        isPrime=1

        if [[ $s -eq 1 ]];then

            isPrime=0

        fi

        for ((i=2;i<s;i++));do

            if [[ $(s%i) -eq 0 ]];then

                isPrime=0

            fi

        done

        if [[ isPrime -eq 0 ]];then

            echo "$s is not a prime number"

        else

            echo "$s is a prime number"

        fi
    fi
fi
```