Program Code:

```
#! /bin/bash
#Created by Rohit Karunakaran

show_help()
{
   echo "
   Scientific calcualtor implementaion using bash.
   Enter 'help' to show this menu.
   Enter quit to exit

      a+b     Add a and b
      a-b     Subtract b from a
      a*b     Multiply a and b
      a/b     Divide a and b
      a^b     Exponential, Raise a to the power of b
      a%b     Modulo operation, Remainder of a/b

      sin(x)    sine of x, x is in radians
      cos(x)    cosine of x, x in radians
      log(x)    natural log of x
      exp(x)    raise e to the power of x
      sqrt(x) Find the square root of x"
}

show_help

echo -n "Sci_calculator>> "

while read command args
do
   case $command
      in
      quit|exit)   exit 0            ;;
      help)        show_help         ;;
      *)           awk "BEGIN{print $command}" ;;
   esac

   echo -n "Sci_calculator>> "
done
```

Screenshots: