Experiment No 4

Rinoy Kuriyakose
Roll No: 56

Scientific Calculator Using Shell Scripting

Program:

```
#!/bin/bash
echo "Note:"
echo "sqrt(x) = square root"
echo "s(x) = sin(x)"
echo "c(x) = cos(x)"
echo "l(x) = ln(x)"
echo "e(x) = exponential"
while true
do
  echo -n "Input: "
  read expr
  echo -n "Result:"
  echo $expr | bc -l
  echo -n "wish to continue (y/n):"
  read op
  if [ $op == 'n' ]
  then
    break
  fi
done
```

Output: