1. $ ./expr.sh 1

```
#!/bin/bash
i=$1
echo "Initial value is: $i"
i=`expr $i + 2`
echo "Value after adding is $i"
i=`expr $i \* 3`
echo "Value after multiplying is $i"
i=`expr $i % 2`
echo "Value after performing modulo is $i"
```

2. ./expr.sh 1.5

```
#!/bin/bash
i=$1
echo "Initial value is: $i"
echo -n "Value after adding is "
echo "$i+2"|bc
echo -n "Value after multiplying is "
echo "($i+2)*3"|bc
echo -n "Value after performing modulo is "
echo "($i+2)*3%2"|bc
```

3. $ ./expr1.sh 1.5

```
#!/bin/bash
i=$1
echo "Initial value is: $i"
echo -n "Value after adding is "
echo "$i+2"|bc
echo -n "Value after multiplying is "
echo "($i+2)*3"|bc
echo -n "Value after performing modulo is "
echo "($i+2)*3%2"|bc
```

4. $ ./test.sh 2 1
   $ ./test.sh 1 2

   ```
   #!/bin/bash
   i=$1
   j=$2
   echo "Values to test $i $j"
   test $i -gt $j
   k=$?
   echo "Test exitcode is $k"
   ```

   $ ./test.sh 2 1
   $ ./test.sh 1 2

5. $ ./test1.sh 1 2
   $ ./test1.sh 2 1

   ```
   #!/bin/bash
   i=$1
   j=$2
   echo "Values to test $i $j"
   test $i -gt $j && echo "True"
   test $i -gt $j || echo "False"
   ```