Program 1:

Write a Shell Script to find if the given year is LEAP OR NOT

```sh
#!/bin/sh
echo "Enter the year:"
read year
if [ `expr $year % 4` -eq 0 ]
then
    echo "Leap year"
else
    echo "Not Leap year"
fi
```

Output:

```
guest-pGJ4Y3@ubuntu1:~$ nano progm1.sh
guest-pGJ4Y3@ubuntu1:~$ sh progm1.sh
Enter the year:
2024
Leap year
guest-pGJ4Y3@ubuntu1:~$ sh progm1.sh
Enter the year:
2022
Not Leap year
guest-pGJ4Y3@ubuntu1:~$
```

Program 2:

Write a Shell script to find the AREA OF CIRCLE

```sh
#!/bin/sh
echo "Enter the radius:"
read r
echo "Area of circle is :"
echo "3.14*$r*$r"|bc
```

Output

```
bmsce@bmsce-Precision-T1700:~$ nano progm2.sh
bmsce@bmsce-Precision-T1700:~$ sh progm2.sh
Enter the radius:
3
Area of circle is :
28.26
bmsce@bmsce-Precision-T1700:~$
```