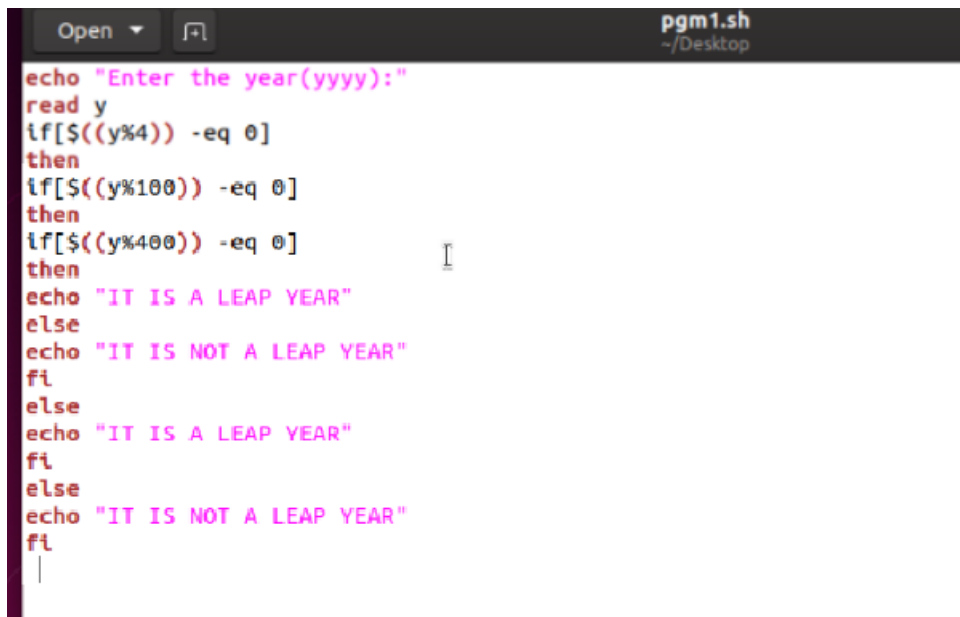
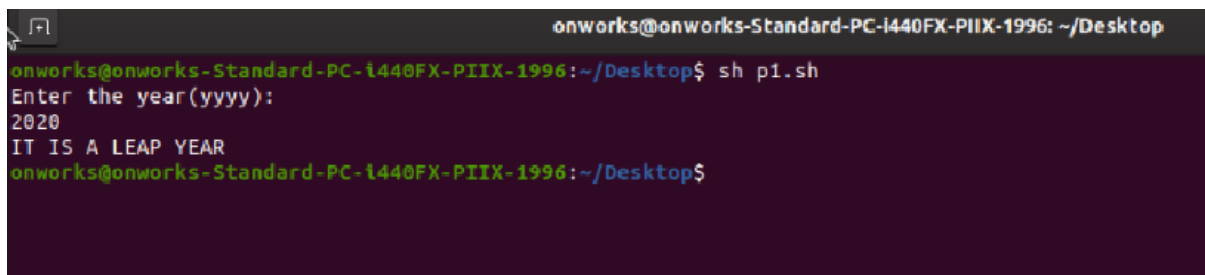


Program1:



The screenshot shows a text editor window titled 'pgm1.sh' with the path '~/Desktop'. The script contains the following code:

```
echo "Enter the year(yyyy):"
read y
if [ $((y%4)) -eq 0 ]
then
if [ $((y%100)) -eq 0 ]
then
if [ $((y%400)) -eq 0 ]
then
echo "IT IS A LEAP YEAR"
else
echo "IT IS NOT A LEAP YEAR"
fi
else
echo "IT IS A LEAP YEAR"
fi
else
echo "IT IS NOT A LEAP YEAR"
fi
|
```



The screenshot shows a terminal window with the prompt 'onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~/Desktop'. The user has executed 'sh p1.sh' and entered '2020' as the year. The output is 'IT IS A LEAP YEAR'.

```
onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~/Desktop$ sh p1.sh
Enter the year(yyyy):
2020
IT IS A LEAP YEAR
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~/Desktop$
```

Program2:

```
onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~/Desktop
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ cat pgm2.sh

echo "Enter the radius of the circle"
read r
area=$(echo "3.14*$r*$r"|bc)
echo "Area of circle is          "$area

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~/Desktop$ sh pgm2.sh
Enter the radius of the circle
3
Area of circle is          28.26
```