

PROGRAM – 12

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/*****
/* Name of the Program : user period */
/* Aim : determines the period for which a specified user working on the system */
/* Author : Phebe John */
/* Date Written : 01.02.2018 */
*****/

/*****
/* PROGRAM: */

echo "Enter the user name :"
read usr
tuser=`who | tr -s " " | head -1 | cut -d " " -f1`
if [ "$tuser" = "$usr" ]
then
tm=`who | tr -s " " | head -1 | cut -d " " -f4`
uhr=`echo $tm | cut -d ":" -f1`
umin=`echo $tm | cut -d ":" -f2`
shr=`date "+%H"`
smin=`date "+%M"`
if [ $smin -lt $umin ]
then
shr=`expr $shr - 1`
smin=`expr $smin + 60`
fi
h=`expr $shr - $uhr`
m=`expr $smin - $umin`
echo "user name : $usr"
echo "login period : $h hr : $m min"
else
echo "Invalid User"
fi
*****/

/*****
/* RESULT : */
/* */
/* The script is executed and the output is verified */
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/*****/
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OUTPUT:

```
$ ./pgm12.sh
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Enter the user name :
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mca1640
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user name : mca1640
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login period : 1 hr : 47 min
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/*****/
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