

PRACTICAL : 11

AIM : write a shell script to validate the entered date. (e.g.

Date format : DD/MM/YYYY)

Source code :

```
# Read user input
```

```
echo -n "Enter the day(dd): "
```

```
read day
```

```
echo -n "Enter the month(mm): "
```

```
read month
```

```
echo -n "Enter the year(yyyy): "
```

```
read year
```

```
# Format date
```

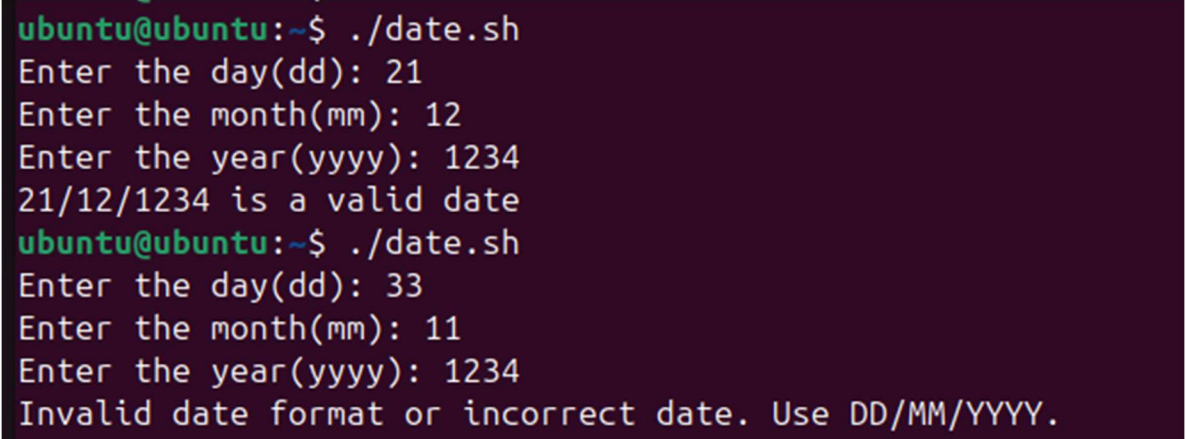
```
date="$day/$month/$year"
```

```
# Validate using a single regex
```

```
if [[ $date =~ ^(0?[1-9]|[12][0-9]|3[01])/(0?[1-9]|1[0-2])/[0-9]{4}$ ]]; then
```

```
    echo "$date is a valid date"
else
    echo "Invalid date format or incorrect date. Use
DD/MM/YYYY."
Fi
```

Output:



```
ubuntu@ubuntu:~$ ./date.sh
Enter the day(dd): 21
Enter the month(mm): 12
Enter the year(yyyy): 1234
21/12/1234 is a valid date
ubuntu@ubuntu:~$ ./date.sh
Enter the day(dd): 33
Enter the month(mm): 11
Enter the year(yyyy): 1234
Invalid date format or incorrect date. Use DD/MM/YYYY.
```