Password Expiry Notifier

```
[root@dev adhamscripts]# chage -l user4                    $4    $5    $6
Last password change                            : Dec 01, 2024
Password expires          ←                     : Dec 31, 2024
Password inactive                               : never
Account expires                                 : never
Minimum number of days between password change  : 0
Maximum number of days between password change  : 30
Number of days of warning before password expires : 7
[root@dev adhamscripts]#
```

```
       $1          $3
       np:    ::/:/sbin/nologin
adham:x:1000:1000:adham:/home/adham:/bin/bash
abdein:x:1001:1001::/home/abdein:/bin/bash
mysql:x:27:27:MySQL Server:/var/lib/mysql:/sbin/nologin
apache:x:48:48:Apache:/usr/share/httpd:/sbin/nologin
user4:x:1002:1002::/home/user4:/bin/bash
user5:x:1003:1003::/home/user5:/bin/bash
[root@dev adhamscripts]#
```

```bash
#!/bin/bash

threshold=7

for i in $(awk 'BEGIN {FS = ":"} {if ($3 > 1000 && $3 != 65534) {print $1} }' /etc/passwd)
do
    exp_date=$(chage -l "$i" | grep "Password expires" | awk '{print $4, $5, $6}')

    if [ $(date -d "$exp_date" +%s) -le $(date -d "+$threshold days" +%s) ]
    then
        echo "the user "$i" will change the password nearly === "$exp_date""
    else
        echo "it is so far for user "$i" to change password ------ "$exp_date""
    fi

done

#65534 = nobody
```

```
[root@dev adhamscripts]# vim pass_exp_notify.sh
[root@dev adhamscripts]# chmod +x pass_exp_notify.sh
[root@dev adhamscripts]# ./pass_exp_notify.sh
the user abdein will change the password nearly === Dec 26, 1972
it is so far for user user4 to change password ------ Dec 31, 2024
the user user5 will change the password nearly === Dec 06, 2024
```