

7. Лабараториска вежба по Оперативни Системи – Никола Крежески 196011

1. Задача

*Код:

```
GNU nano 1.3.12                                     File: {196011} 01.sh

#!/bin/bash

users_info=()
while IFS= read -r line; do
    users_info+=( "$line" )
done << ( w -h | awk '{ print $1, $3; }' )

count=0
len=${#users_info[@]}
user_names=()

while [[ $count -lt $len ]]
do
    user_ip=$( echo ${users_info[count]} | cut -d' ' -f2 )
    user_name=$( echo ${users_info[count]} | cut -d' ' -f1 )
    if [ $user_ip != "10.10".*.*. ]; then
        user_names+=( $user_name )
    fi
    count=$(( $count + 1 ))
done

IFS=$'\n' sorted=$(sort <<<"${user_names[*]}"); unset IFS
printf "%s\n" "${sorted[@]}"
```

-Raw Code:

```
#!/bin/bash

users_info=()

while IFS= read -r line; do
    users_info+=( "$line" )
done < <( w -h | awk '{ print $1, $3; }' )

count=0
len=${#users_info[@]}
user_names=()

while [[ $count -lt $len ]]
do
    user_ip=$( echo ${users_info[count]} | cut -d' ' -f2 )
    user_name=$( echo ${users_info[count]} | cut -d' ' -f1 )
    if [ $user_ip != "10.10".*.* ]; then
        user_names+=( $user_name )
    fi
    count=$(( $count + 1 ))
done

IFS=$'\n' sorted=$(sort <<<"${user_names[*]}"); unset IFS
printf "%s\n" "${sorted[@]}"
```

***Извршување:**

```
[196011@os ~]$ ./\{196011\}_01.sh
135036
151543
173035
173035
173035
176003
185023
186063
191007
191031
191056
191056
191058
191061
191084
191097
191102
191118
191182
191234
191278
191279
191282
191511
191514
192015
192029
192029
192115
192115
193001
193025
193033
193048
193083
193099
193105
193128
193153
193170
194009
196011
196037
196043
196056
```

2. Задача

*Код:

```
GNU nano 1.3.12                               File: ./196011}_02.sh
#!/bin/bash
select OPTION in prva_opcija vtora_opcija exit_program
do
    case $OPTION in
        prva_opcija) echo "Vnesete user:" && user=$( cat ) && find . -user $user -perm -u=x,-g=x,-o=x ;;
        vtora_opcija) ls -l $HOME ;;
        exit_program) exit 1 ;;
    esac
done
```

-Raw Code:

```
#!/bin/bash

select OPTION in prva_opcija vtora_opcija exit_program
do

    case $OPTION in

        prva_opcija) echo "Vnesete user:" && user=$( cat ) && find . -user $user -perm -u=x,-g=x,-o=x ;;

        vtora_opcija) ls -l $HOME ;;

        exit_program) exit 1 ;;

    esac

done
```

*Извршување:

-Почетно мени:

```
[196011@os ~]$ ./196011}_02.sh
1) prva_opcija
2) vtora_opcija
3) exit_program
#? █
```

-Опција 1:

```
#? 1
Vnesete user:
196011
./196011}_02.sh
./196011}_01.sh █
```

-Опција 2:

```
#? 2
total 12
-rwxr-xr-x 1 196011 domain users 557 May 16 20:01 {196011}_01.sh
-rwxr-xr-x 1 196011 domain users 313 May 16 19:45 {196011}_02.sh
-rw-r--r-- 1 196011 domain users  16 Mar 25 15:22 flags.txt
```

-Со избор на опцијата 3, скриптата завршува со работа