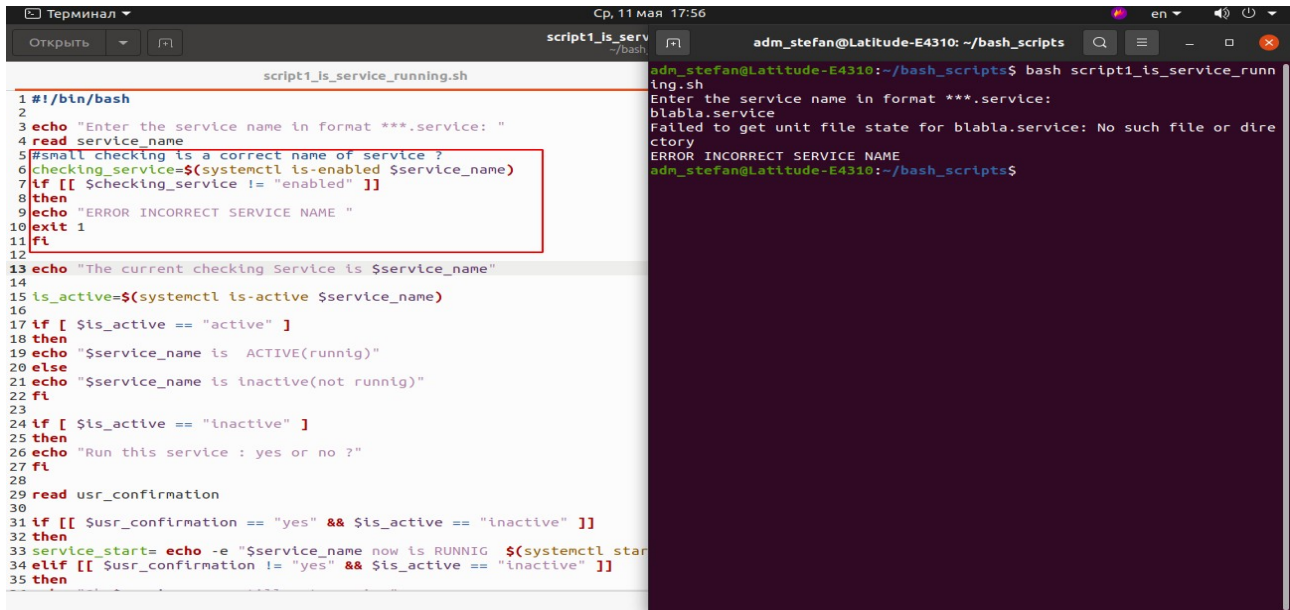


#Scenario 1 User input incorrecr service name

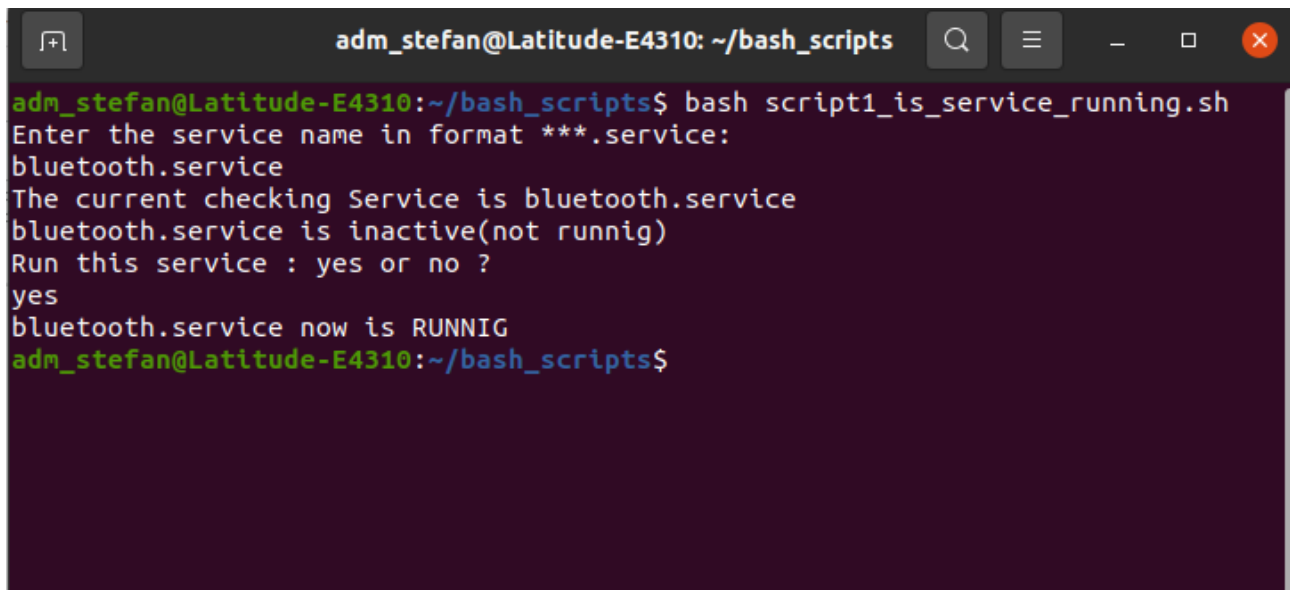


The screenshot shows a terminal window with two panes. The left pane displays the source code of a script named `script1_is_service_running.sh`. The script prompts the user to enter a service name in the format `***.service`. It then checks if the service is enabled using `systemctl is-enabled`. If the service is not enabled, it prints an error message and exits with a status of 1. The right pane shows the script being executed with the input `blabla.service`. The output shows the error message: `ERROR INCORRECT SERVICE NAME`.

```
1 #!/bin/bash
2
3 echo "Enter the service name in format ***.service: "
4 read service_name
5 #small checking is a correct name of service ?
6 checking_service=$(systemctl is-enabled $service_name)
7 if [[ $checking_service != "enabled" ]]
8 then
9 echo "ERROR INCORRECT SERVICE NAME "
10 exit 1
11 fi
12
13 echo "The current checking Service is $service_name"
14
15 is_active=$(systemctl is-active $service_name)
16
17 if [ $is_active == "active" ]
18 then
19 echo "$service_name is ACTIVE(runnig)"
20 else
21 echo "$service_name is inactive(not runnig)"
22 fi
23
24 if [ $is_active == "inactive" ]
25 then
26 echo "Run this service : yes or no ?"
27 fi
28
29 read usr_confirmation
30
31 if [[ $usr_confirmation == "yes" && $is_active == "inactive" ]]
32 then
33 service_start= echo -e "$service_name now is RUNNIG $(systemctl start $service_name)"
34 elif [[ $usr_confirmation != "yes" && $is_active == "inactive" ]]
35 then
```

```
adm_stefan@Latitude-E4310: ~/bash_scripts$ bash script1_is_service_running.sh
Enter the service name in format ***.service:
blabla.service
Failed to get unit file state for blabla.service: No such file or directory
ERROR INCORRECT SERVICE NAME
adm_stefan@Latitude-E4310:~/bash_scripts$
```

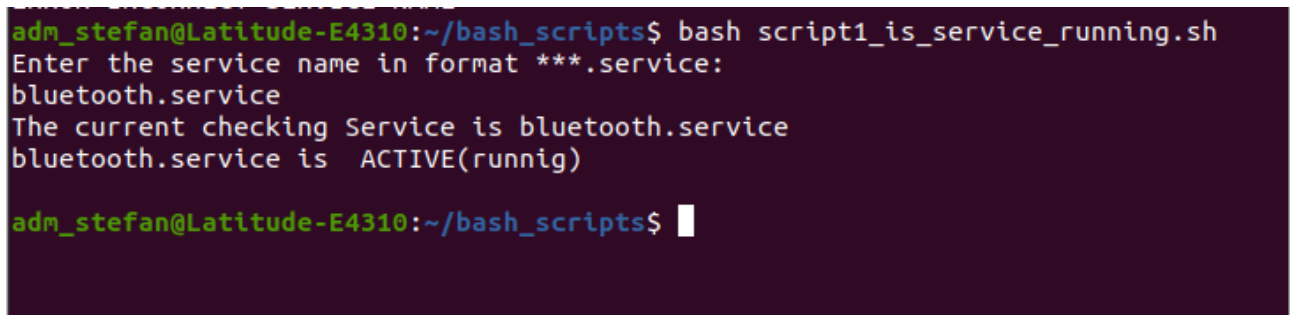
#Scenario 2 service is not runnig



The screenshot shows a terminal window with the command `bash script1_is_service_running.sh` being executed. The user enters `bluetooth.service`. The script outputs that the service is inactive and prompts the user to run it. The user responds with `yes`, and the script outputs that the service is now running.

```
adm_stefan@Latitude-E4310:~/bash_scripts$ bash script1_is_service_running.sh
Enter the service name in format ***.service:
bluetooth.service
The current checking Service is bluetooth.service
bluetooth.service is inactive(not runnig)
Run this service : yes or no ?
yes
bluetooth.service now is RUNNIG
adm_stefan@Latitude-E4310:~/bash_scripts$
```

#Scenario 3 service is runnig



The screenshot shows a terminal window with the command `bash script1_is_service_running.sh` being executed. The user enters `bluetooth.service`. The script outputs that the service is active (running).

```
adm_stefan@Latitude-E4310:~/bash_scripts$ bash script1_is_service_running.sh
Enter the service name in format ***.service:
bluetooth.service
The current checking Service is bluetooth.service
bluetooth.service is ACTIVE(runnig)
adm_stefan@Latitude-E4310:~/bash_scripts$
```