



## Case Switch Script

FILE

```
#!/bin/bash
```

```
echo "Enter numbe of day"
```

```
read Day
```

```
case $Day in
```

```
1)
```

```
    echo "Saturday" ;;
```

```
2)
```

```
    echo "Sunday" ;;
```

```
3)
```

```
    echo "Monday" ;;
```

```
4)
```

```
    echo "Tuesday" ;;
```

```
5)
```

```
    echo "Wednesday" ;;
```

```
6)
```

```
    echo "Thursday" ;;
```

```
7)
```

```
    echo "Friday" ;;
```

```
*)
```

```
    echo "Invalid Day" ;;
```

```
esac
```

## \* Calculate Factorial Script

```
#!/bin/bash
```

```
echo "Enter Number: "
```

```
read num
```

```
fact = 1
```

```
for ((i=1; i<=num; i++)); do
```

```
    fact = $(fact * i)
```

```
done
```

```
echo "Factorial: $fact"
```

## \* Backup Script

```
#!/bin/bash
```

```
tar -czf /backup/home-$(date +%Y%m%d).
```

```
tar.gz /home
```

## \* Execute shell script using cron jobs

run

```
crontab -e
```

then add

```
02 *** /path/to/backup.sh
```

```
- sudo chown Figa /football/*
```

```
sudo cp /etc/*.* conf
```

```
cd /etc
```

```
mkdir ~/honey
```

CHECK IF USER EXIST

```
#!/bin/bash
```

```
echo "Enter Username"
```

```
read user
```

```
if id "$user" &> /dev/null ; then
```

```
echo "User Exist"
```

```
else
```

```
echo "user not exist"
```

```
fi
```

## STEPS: Set Apache web Server

- 1 Sudo apt ~~install~~ update
- 2 Sudo apt install apache2
- 3 Sudo ~~system control~~ systemctl enable apache2
- 4 Sudo systemctl start apache2

## STEPS: Configure DNS server for "suza.go.tz"

- 1 Install BIND: sudo apt install bind9
- 2 Edit: ~~Edit~~ /etc/bind/named.conf.local  
zone "suza.go.tz" {  
    type master;  
    file "/etc/bind/db.suza";  
};
- 3 Create zone file /etc/bind/db.suza
- 4 Restart BIND: sudo systemctl restart bind9