

# Script Logik

Alle wichtigen Bash Konditionen und ihre Anwendung

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# If, Elif, Else

```
#!/bin/bash
read -p "Enter your Age: " AGE
if [ $AGE -ge 80 ]
then
    echo "You are very old"
elif [ $AGE -ge 40 ]
then
    echo "You are old"
elif [ $marks -le 18 ]
then
    echo "You are very young"
elif [ $marks -le 30 ]
then
    echo "You are young"
else
    echo "You are the Rest"
fi
```

# Case

```
#!/bin/bash
read -p "systemctl <your input> nginx" systemctl_cmd
case "$systemctl_cmd" in
    start)
        systemctl start nginx ;;
    stop)
        systemctl stop nginx ;;
    restart)
        systemctl restart nginx ;;
    *)
        echo "Your input was not valid "
esac
```

# Funktion

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

```
#Function <-- Description
```

```
function delete_file {
```

```
  rm $1
```

```
}
```

```
#Script to call function
```

```
delete_file /root/useless_file
```

# While

## Inkrementelle Schleufe

```
#!/bin/bash

i=0
while [ $i -lt 3 ]
do
    echo $i
    ((i++))
done
```

## Unendliche Schleufe

```
#!/bin/bash

while true;
do
    echo "Spam Message"
done
```