

BASH Script



```
echo Hello World
```

Variables

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

```
firstname=MrTon  
echo Hello I am $fistname
```

```
#!/bin/bash  
echo What is your name?  
read firstname  
echo What is your surname?  
read lastname  
echo My name is $firstname and my surname is $surname
```

Input

```
#!/bin/bash
read -p "Enter your name: " NAME
echo "Your name is $NAME"
```

```
#!/bin/bash
echo "Please enter your full name:"
read FNAME LNAME
echo "Hello $FNAME $LNAME"
```

Positional arguments

```
#!/bin/bash
echo $1 $2

./script.sh A B
A B
```

IF/ELSE

```
#!/bin/bash
#Ask the user for their age
echo "How old are you?"
read age
#Check if the user is 18 or older
if [ $age -ge 18 ]; then
echo "You are an adult."
else
```

```
echo "You are a minor."
fi
```

```
echo "What is your name:"
read name
if [ "$name" = "mrton" ];then
echo "Welcome MR Ton"
elif [ "$name" = "aybek" ];then
echo "I know you..."
else
echo "I can not remmember you"
fi
```

TEST

```
#!/bin/bash
if [ -d "/home/mrton/Documents/Bash" ]; then
echo "The directory exists"
else
echo "The directory does not exist"
fi
```

```
#!/bin/bash
if [ -e "/home/mrton/Documents/Bash/bash.sh" ]; then
echo "The file exists"
else
echo "The file does not exist"
fi
```

LOOP

```
#!/bin/bash
for NAMES in $(cat name.txt);do
echo "The name is $NAMES"
done
```

```
#!/bin/bash
echo "Please enter subnet:"
read SUBNET
for IP in $(seq 1 254);do
ping -c 1 $SUBNET.$IP
done
```

Password Generate

```
password=$(openssl rand -base64 12)
echo "$password"
```

Function

```
#!/bin/bash
Define a function called "greet"
greet() {
echo "Hello, $1!"
}
Call the "greet" function with an argument
greet "John"
```