

???? progress

??????

[illegible]

????????

```
#!/bin/bash
#
# inprogress.sh
# Description: this script may show some simple motion in foreground
# when main program in progress.
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trap "kill $BG_PID;echo;exit" 1 2 3 15

function waiting
{
    INTERVAL=0.5
    TT='->---'
    -->--
    -->--
}
```

```

-->--
-->-
-->-
--->
---<-
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-<--
<---';
echo -ne "Please waiting... \n"
while true
do
    for j in $TT
    do
        echo -ne "Please be patient, $j\r"
        sleep $INTERVAL
    done

done

done
}

# Start the waiting, where place your main program.
waiting &
BG_PID=$!

sleep 10

# End of the waiting
kill $BG_PID
echo

```

???????

```

#!/usr/bin/env bash

spinner()
{
    local pid=$!

```

```

local delay=${1:1}
local spinstr='|/-'
while [ "$(ps a | awk '{print $1}' | grep $pid)" ]
do
    local temp=${spinstr#?}
    printf " [%c] " "$spinstr"
    local spinstr=$temp${spinstr%"$temp"}
    sleep $delay
    printf "\b\b\b\b\b"
done
printf "  \b\b\b\b\b"
}

# Run your program here
#(a_long_running_task) &
sleep 10 &
spinner 0.75

```

## ????? LED ???

```

#!/bin/bash

echo "Starting to format the disk...."

# Start to blink the LED
/root/bin/led.sh b
/root/bin/led.sh blink &
led_pid=$!

# Main codes
echo "formatting hdisk2..."
sleep 10

# When the main codes is ending up
# Stop to blink the LED
kill -9 $led_pid
wait $led_pid 2>/dev/null
sleep 2

# Making sure the LED is ON with Blue

```

```
/root/bin/led.sh b
```

```
echo "done"
```

“ led.sh ???? LED ???

wait .... ?????? killed ... ?????

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