

```
#!/bin/sh
# hi
echo "Hello, world!"
exit 0
```

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```
#!/bin/sh
# himike
name=Mike
echo "Hello, $name!"
exit 0
```

---

```
#!/bin/sh
# rem
rm junk
echo "The return code from rm was $?"
exit 0
```

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```
#!/bin/sh
# quiet
rm junk 2> /dev/null
echo "The return code from rm was $?"
exit 0
```

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```
#!/bin/sh
# pars
echo "There are $# parameters."
echo "The parameters are $@"
echo "The script name is $0"
echo "The first parameter is $1"
echo "The second parameter is $2"
exit 0
```

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```
#!/bin/sh
# shifter
echo $1
shift
echo $1
shift
echo $1
shift
echo $1
exit 0
```

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```
#!/bin/sh
# sorter
rm -f /tmp/sorted
sort $1 > /tmp/sorted
```

```
cp /tmp/sorted $1
rm -f /tmp/sorted
exit 0
```

---

```
#!/bin/sh
# hiyou
name='whoami'
echo "Hello, $name!"
exit 0
```

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```
#!/bin/sh
# hiyou2
echo "Hello, 'whoami'!"
exit 0
```

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```
#!/bin/sh
# countem
echo "File \"$1\" contains \
exactly 'wc $1 | cut -c6-7' lines."
exit 0
```

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```
#!/bin/sh
# compile
if [ "$SRCDIR" = "" ]
then
    echo "using default source directory"
    SRCDIR=$HOME/src
else
    echo "using source directory $SRCDIR"
fi
g77 $SRCDIR/$1
exit $?
```

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```
#!/bin/sh
# finder
grep $1 text > /dev/null
if [ $? -eq 0 ]
then
    echo "found"
fi
exit 0
```

---

```
#!/bin/sh
# compares
echo "true yields 0, false yields 1"
x="005"
[ "$x" = "005" ]
echo "Are strings 005 and 005 equal? $?"
```

```
[ "$x" = "5" ]
echo "Are strings 005 and 5 equal? $?"
[ $x -eq 005 ]
echo "Are integers 005 and 005 equal? $?"
[ $x -eq 5 ]
echo "Are integers 005 and 5 equal? $?"
exit 0
```

---

```
#!/bin/sh
# empty
if [ -s $1 ]
then
    echo "The file $1 has contents."
    exit 0
else
    echo "The file $1 is absent or empty."
    exit 1
fi
```

---

```
#!/bin/sh
# adder
sum=0
for x in $@
do
    sum='expr $sum + $x'
done
echo "The sum is $sum."
exit 0
```

---

```
#!/bin/sh
# fixfor
for fyle in *.for
do
    new='echo $fyle | sed -e"s/\..for$/\..f/'
    mv $fyle $new
done
exit 0
```

---

```
#!/bin/sh
# suffix
for fyle in *.$1
do
    new='echo $fyle | sed -e"s/\..$1$/\..$2/'
    mv $fyle $new
done
exit 0
```

---

```
#!/bin/sh
```

```
# list names of all files containing given words
if [ $# -eq 0 ]
then
    echo "findtext word1 word2 word3 ..."
    echo "lists names of files containing all given words"
    exit 1
fi
for fyle in *
do
    bad=0
    for word in $*
    do
        grep $word $fyle > /dev/null 2> /dev/null
        if [ $? -ne 0 ]
        then
            bad=1
            break
        fi
    done
    if [ $bad -eq 0 ]
    then
        echo $fyle
    fi
done
exit 0
```

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