

# IchigoJam first step

Light up the LED

```
LED1
```

Type "LED1" and hit the Enter.

Light off the LED

```
LED0
```

Every line needs to hit the Enter.

Order your computer to wait for a while

```
WAIT120
```

"WAIT120" means "wait 2sec" Q:"WAIT60" means?

```
WAIT60
```

Light up the LED 1sec ( `:` to connect commands)

```
LED1:WAIT60:LED0
```

Hit the UP key twice.

Hit the RIGHT key 12 times.

Hit the Backspace key to delete "6".

Type "12". Hit the Enter to modify your order.

```
LED1:WAIT120:LED0
```

Blink the LED

(Hit the Space key to input space)

```
10 LED1:WAIT30
20 LED0:WAIT30
30 GOTO10
RUN
```

"RUN" is a command to start your program.

Hit the **ESC** key to stop the program.

Also the F5 key is same as "RUN".

"LIST" is a command to display the program.

```
LIST
```

The F4 key works same way.

Can you blink the LED more fast?

The Enter to tell computer your modification.

You can save up to four programs (0 to 3)

```
SAVE0
```

The F3 key types "SAVE".

After reboot your computer,

you can load that program.

```
LOAD0
```

The F2 key types "LOAD".

Type "NEW" to clear your program.

```
NEW
```



# IchigoJam mini games

Rafting! (The RIGHT and the LEFT key to avoid)

```
10 CLS:X=15
20 LC X,5:"0"
30 LC RND(32),23:"*"
35 WAIT 3
36 X=X-BTN(28)+BTN(29)
37 IF SCR(X,5) END
40 GOTO 20
```

How fast? (Hit the Space key after lighting up LED)

```
10 LED 0
20 WAIT RND(180)+60
30 LED 1:CLT
40 IF BTN(32)=0 GOTO 40
50 ?TICK()
```

Type! (Type in A to Z)

```
10 LET N,65:CLT
20 ?CHR$(N);
30 IF INKEY()=N GOTO 30
40 LET N,N+1:IF N<91 GOTO 20
50 ?:"?TICK()/60
```

Calc! (Calculate the sum quickly)

```
10 LET N,0:CLT
20 LET A,RND(10)
30 LET B,RND(10)
40 ?A;"+";B;"=";:INPUT C
50 IF C!=A+B ?"NG!":END
60 LET N,N+1:IF N<10 GOTO 20
70 ?TICK()/60
```

Baseball! (Hit any key to hit the ball)

```
10 LET Y,0
20 CLS
30 LC 4,15:"%"
40 LC 5,Y:"0"
50 IF INKEY() GOTO 90
60 LET Y,Y+1
70 WAIT 6
80 GOTO 20
90 IF Y=15 ?"HIT!"
```

Screen jack! (Hit any key)

```
10 LET C,1:CLS
20 LC RND(32),RND(22)
30 ?CHR$(C)
40 LET K,INKEY():IF K=C
50 GOTO 20
```



Hit the Shift key to type '(', ')', or ''''



Programming in BASIC!



Kid's PC

**IchigoJam**



<http://ichigojam.net/>