int --- integer values

double --- real number

String --- any thing you type

char --- single character

boolean --- ture or false

Stdin.readInt();

Stdin.readDouble();

Stdin.readLine();

Stdin.readChar();

double c = (double) a/b;

Math.pow (a,b) //a^b

Math.sqrt (a) //√a

Math.abs (a) //|a|

Math.min (a,b) //pick up the mini one

Math.max (a,b) //Pick up the max one

Math.PI //π

Math.round (a) //a四舍五入取整

Math.random() //生成随机数

a.toUpperCase() //字符串a大写

a.toLowerCase() //字符串a小写

sub.substring (a,b) //字符串sub从a+1到b的字符

 != //不等于

>= //大于等于

<= //小于等于

&& //and

|| //or

! //not

== //等于

if (X) //判断事件X

{

A //执行事件A

}

else

{

B //执行事件B

}

 While (X) //判断事件X

{

A //循环事件A

}

do

{

A //循环事件A

}

While (X); //直到事件X

for (int i = 0; i < = a; i++)

{

A //i小于等于a之前循环事件A

}

String → char

cha = str.charAt(n);

char→String

str = cha + "";

String→int

i=Integer.parseInt(str);

double/int→String

str = i + "";

String→double

a = double.parseDouble(str);

double→int //舍去小数点取整

i = (int)num;

a.compareTo(b) == 0; //a与b是否相同判断

switch (character) //根据字母选择事件

case 'a' //事件a

default //除此之外