Our Language has many constructs. The complete detail of constructs is as follows:

Keywords

1. markazi (مرکزی)
2. kaam (کام)
3. karo (کرو)
4. rakho (رکھو)
5. jab (جب)
6. tak (تک)
7. bas (بس)
8. agar (اگر)
9. to (تو)
10. warna (ورنہ)
11. phir (پھر)
12. dekhao (دیکھاؤ)
13. lo (لو)
14. chalao (چلاؤ)
15. wapas (واپس)
16. bhaijo (بھیجو)
17. adad (عدد)
18. khali (خالی)
19. khatam (ختم)

Relational Operators

1. = (Equal to)
2. <> (Not Equal to)
3. < (Less than)
4. <= (Less than Equal to
5. > (Greater than)
6. >= (Greater than Equal to)

Special Characters

1. | (Pipe)
2. : (Colon)
3. ; (Semi-Colon)
4. @ (At)
5. ` (Backtick)
6. ((Open Parenthesis)
7.) (Close Parenthesis)

Arithmetic Operators

1. + (Plus)
2. - (Minus)
3. * (Multiply)
4. / (Divide)
5. % (Modulus)

Other Constructs 1. identifier: an alphabet or underscore followed by 0 or more alphanumeric literals 2. Numeric literals : 0-9 3. Alphabetic literals : a-zA-Z 4. Alphanumeric literals: _a-zA-Z0-9 5. Characters : all characters including special character	**Strings and Comments** 1. String (characters enclosed within ``) 2. Comment (Characters after ;)
Block Start and Block End 1. karo (corresponding to start of block) 2. bas karo (corresponding to end of block)	**Assignment Operator** 1. := (Equal)
IO Operators 1. << output symbol 2. >> input symbol	

Following is mapping with English (It is just a mapping for your understanding):

- markazi -> main
- kaam -> function
- karo -> start/begin
- rakho -> store/var
- jab tak -> until (see difference between until and while loop)
- bas karo -> end
- kaam khatam -> function end
- agar -> if
- to phir -> then
- warna agar -> else if
- warna phir -> else
- dekhao -> output/print/display
- lo -> input/read
- chalao -> call/execute/run/exec
- wapas bhaijo -> return
- adad -> int
- khali -> void

Code Example

sample_code.ru

```
kaam calculateFib@adad (n@adad | c@adad) karo
        rakho x@adad := 0;
        rakho y@adad := 0;
        rakho z@adad;

        agar (n < 0) to phir karo
                dekhao << `munfi number daal diya\n`;
                wapas bhaijo 0;
        warna agar (n = 0) to phir
                dekhao << `yar 0 hai!\n`;
                wapas bhaijo 0;
        warna phir
                dekhao << `\nfibonacci series: `;
                rakho i@adad := 1;
                jab tak (i-1 >= n) karo
                        dekhao << x << ` `;
                        rakho z := x + y;
                        rakho x := y;
                        rakho y := z;
                        rakho i := i + 1;
                bas karo
        bas karo

        wapas bhaijo 0;
kaam khatam

;fibonacci series ka hisaab karnay and dekhanay wala program
kaam markazi@khali () karo
        rakho num@adad;
        lo << `Enter the number` >> num; input
        rakho result@adad := chalao calculateFib(num | 0);
        wapas bhaijo 0; halt
kaam khatam
```