a) Conclitional Statements

i) if-Use statement
if (condition){ else {

u) else if statements
if (condition)! else if (condition 2) {

Journary of wrater True False variable = condition? statement: statement? iii) Tornary ofwrator Eq: boolean larger=(5>3)?5:3; Switch statement

. '//

switch (variable){

default:

```
_00KS
    i) Whil loop
      while (condition){
        1 do something
       for limitalisation; condition; updation) [
           1/do something
    * lost digit = num 1.10 => remainder
      Kennove last digit = rum/10 => (divide) quotient
* To get the reverse number
          reverse = (reverse * 10) + last digit
                                                       Reverse = 0
(iii) do {
    11 do something
    I while (condition);
* Break thalument: to exit the book
* Continue statement: to skip an iteration
                                     for (2-2, ix= math squt(n); i++) I
* Brime number

10=2×10

12=1×12

Optimal 2×5

2×6

5×2
                                        y (n%i==0){
                                        is Brine = False;
                     5 x 2
. of moth. squt(n)
                            1=JTXJTO
```

\*When June" is called it occupies momory I when it encounters
return statement, the minory is freed (released) Call by Value. · Java always use call by vealue.

eg: Change A (inita)?

a=10; psvm () 2 int a=5 Change AL) Change A (a); 1418(a); · 60004 of variable is passed.

\* call by refunce: passes original value

Methods

ScroxtIntl)

Func Overloading

Multiple Junctions with the same name

Filestiply (int a, int b) 7 wing

Multiply (float a, float b) Data types luit different parameters sum (inta, int b) 7 wing sum (inta, int b, intc) Parameters > type of parameters

> rumbers of parameters

\* func" overloading does not differentiate on basis of ruturn type