(-33 => Introduction to Loops in C

Loops:

supermarket again and again to buy
items; this is waste of time and
energy inetead of this, we prepare
a list of items in prepared
marron and go to super market at
a single time and long items.

* When we get all items; Eg 15 items
we go to Billing Counter and put
bill.

Itams
2.
3.
4.

* Print Jenny one time. printy (" Jenny In"); * Print Jenny 5 times. party ("Jenny In") -prints ("Jenny In"); pointy 1" Jenny m") young ("Jenny In") puny ("Jenny m"); * Print Jenny 100 times. > It is not possible to write code by Counting the lines by written everytime pourly statement. > In this scensio we can repeat the pointy statement using Loops > So, Loops are used to repeat Some set of pagnans or statements in a rougham > For this 'i' variables loop stouts 1. print ("Jenny"); are used. 1 i=1 loop starts i=100 loop ends. loop ends. >universe) i value > i++ Coptuming (i = 10) Xiz=100 (condition

3 steps for loops

- (1) Initialize "i"
- (3) Invience "i" value > i++ (updation)
- (2) Turminate "i" -> give condition

1. d=1 2. i++ 3. iL=100

Loops typus in c

- 1. Entry Controlled loops.
- 2. Exil- Controlled loops.

Entry Controlled loops

* Turnisate condition is just at the start of the loop.

* First Condition is Checked and the bridy of loop executed.

Joseph Start ("Z=5) > OP

pounty ("Jenny"), Jenny Jenn

Enul Controlled loop * Terminate condución is put at the end of the loop. * First time Control will enter into the loop, it will check no codiltion; but execute set of statements even - Shough at the end of loop the placed bondition is tour or false. loop start (i=1) OLP :punty ("Jenny") pounty ("Jenny"); (i L = H) loop end I Flow chart Exit- Controlled Loop. Entry Controlled Loop body of loop condin false true out of loop Condition loop body out of loop