Loops
Ly do the appetetive work
(2) while loop Jentay control (3) do while loop Jexit control
Condition Pose (int i=0; i < 100; i++) & initialisation increment (decrement) Body of loop
Body of loop
1 initialisation
(2) Condition
execute stap (3) aun loop (4) increment ation
(2) 124'1 look

2 While 100 p int i = 0; while (i < 100) 2 syso('Hi); i++;

syso 11 System. Out · Paintln() and o while int i=0; do 2 Syso ("Hi"); 3 while (i < 0) M Hi n! Bnx (n-1) x (n-2)x. Quy Factorial 4! = 4x3x2x1=24 61= 6 x 5 x 4 x 3 x 2 x 1 = 720 Quel Fibracci Sogies 0,1,1,2,3,5,8,13,21,34,55... 1 2 4 6 8 () faint gibracci upto n 2) Paint nth gibracci number

$$C = \alpha + b = 1$$

$$\alpha = b;$$

$$C = 0$$

$$b = 0$$

$$b = 1$$

$$C = 0 + 6 = 1$$

$$0 = 0$$

$$0 = 0$$

$$0 = 0$$

$$0 = 0$$

C = 1 2

a = 0