(ii) while - If count is not defined, on the basis of condition this Loop works.

(III) do-while -At heast statement will be executed once without checking any condition.

(i) for Syntax: for (init; condition; inclus) & 11 Statements

_3

(11) While Syntan: init; terre
while (condition) ? 11 Statements inc dec ;

(nis) do-while:
init;
do & 11 Statement ino Ideal 3 While (Londi); tum/fabe For (init; cond; inc |dec)? = 200p.

Symp[JAVA'); = 5004. For (int i=1; i < = 50; i++) Sout l'Hello"); → 50

for (int i=1; i<=50; i+1) \(\frac{4}{1}, \frac{1}{1}, \frac{1}, \frac{1}{1}, \frac{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1}, \frac{1}{1} 3) & System out Frint ("A"); int i;
for (i=1; i<=50; i++)
s 1/ System 3

inti=#;
for(i=1; i<=50; i+t) 11 System.

for (int i=1; i<=10; i+t)

System out punt ln ("Hello"); i = 2 Itu2 i= 2 2x=10 - time Hells i=3 Itulo i= 10 10x = so = tene Helb i=11 i-11 Itis i = 3
3<=10 - strue
11<=10 - felse
4 execution - Stop. Itall i=11

use vilne -> 100 volues -> Sym

Coop

Loop

Sym

```
int sum = 0;
    for (int i = 1; i \le 10; i++) {
       System.out.println("Please enter " + i + " number - ");
      int a = scn.nextInt();///22
3 sum = sum + a;//0 + 1=1
     System.out.println("Sum is - " + sum);
```

1=1,1<=10 Please enter 1 number Sum=0 +2; i = 2, 2<20-lin Pleaseenter number sum: Sym + a; 2 +4=6

print table 2 24681012 # print table = 5 5 +1 =5 5 + 2 = LO 5 × 10 = 50

7 * 1 = 7 7R2-14 7 + 3 = 26