

Days

### ③ JUMP statements:

• alter flow of control in program.

#### ① BREAK:

• loop to stop iteration immediately, moves to next statement / termination purpose

eg: `for (i=0; i<=10; i++)`

```
{ if (i==5)
  { break;
  }
  sysout (i);
}
```

OUT  
1  
2  
3  
4

#### ② CONTINUE:

• skipping the instruction <sup>in</sup> id of begin next Exec

OUT  
1  
2  
3  
4  
6  
7  
8  
9  
10

```
if (i==5)
{
  continue;
}
```

→ Condition True so skip continue

#### ③ Return:

• finish Execution of Method & can be used to return value from method.

• There should be return-type  
to a value from method  
• Method can return value ~~return~~ if we will use  
return keyword

Q1 1234 check the count.

int n = 1234;

int count = 0;

while (n > 0)

{  
n = n / 10; // 123 | 12 | 1 | 0

count++; // 1 | 2 | 3 | 4

}

sysout(count);

Reverse  
Count of Number:

Q2

num = 1234;

Rem = 0;

while (num != 0) ✓

digit = num % 10; ⇒ 4

num = num / 10 ⇒ 123

num = 1234 / 10 = 123

(123 % 10 = 3) ✓  
123 / 10 ⇒ 12

sysout(4 43 432 4321) then only.

Q3 Palindrome question:

121 ⇔ 121

left == Right