

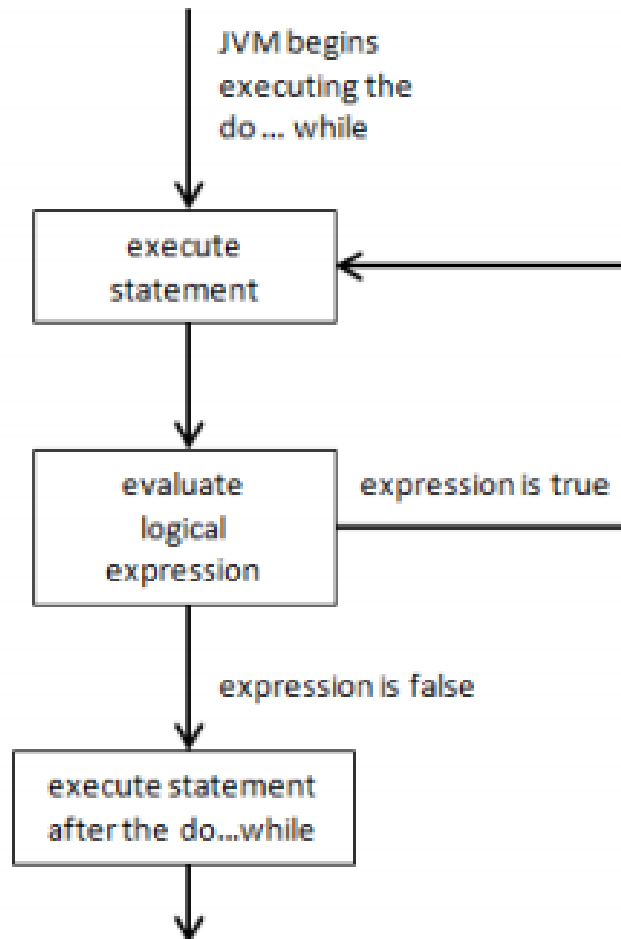
# Loops: do-while

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syntax :

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do statement  
while ( logical expression ) ;
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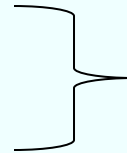
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Example. Suppose we are adding the digits of a positive integer

There must be at least one digit to add to a total → can use do-while

```
System.out.println("Enter a number");  
int n = kb.nextInt();  
int sum = 0;  
do {  
    sum += n % 10;  
    n /= 10;  
}  
while (n > 0);  
System.out.println("sum is " + sum);
```



Executed at least once

How many times does the loop execute if n is 5?    25?    0?