

programmer knows how many times a set of statements are to be executed. The syntax of for loop statement is as follows-

```
for (expression 1; expression 2; expression 3; )  
{  
    Statement;  
}
```

Statement;

* Nested for loop :- A nested for loop join is naive algorithm that joins

two sets by using two nested loops.
join operation are important for database management.

Nested loop in C & programming allows to use one loop inside another loop.

Syntax for nested for loop : For

```
for (Initialization; condition; increment) {  
  for (Initialization; condition; Increment) {  
    // statement for inside loop  
  }  
  // Statement of outer loop  
}
```

* Do while loop :- This is used to execute a set of statement repeatedly, until the logical test results in false. This is logical test results called the positive test loop because the test for repetition is made at the end of each pass.

The syntax of do-while is as follows.

```
do  
{  
  Statement  
}  
while (loop condition);
```