**Java Loops**

1. **While loop**
2. **do while loop**
3. **for loop**
4. **for each loop**
5. The basic format of **while loop** statement is:

Syntax:

Int i=1; // initialization

While (condition) // condition checking

{

statement(s);

Incrementation;

}

Example of a Java Program to Demonstrate **while loop**

public class Sample

{

public static void main(String args[])

{

/\* local variable Initialization \*/

int n = 1, times = 5;

/\* while loops execution \*/

while (n <= times)

{

System.out.println("Java while loops:" + n);

n++;

}

}

}

1. The basic format of **do while loop** statement is:

Syntax:

Int i=1;

**do**

{

statement(s);

i++;

}**while**( condition );

Example of a Java Program to Demonstrate **do while**loop

public class Sample

{

public static void main(String args[])

{

/\* local variable Initialization \*/

int n = 1, times = 0;

/\* do-while loops execution \*/

do

{

System.out.println("Java do while loops:" + n);

n++;

} while (n <= times);

}

}

1. The basic format of **for loop** statement is:

Syntax:

**for**( initialization; condition; increment /decrement)

{

statement(s);

}

Example of a Java Program to Demonstrate **for loop**

public class Sample

{

public static void main(String args[])

{

/\* local variable Initialization \*/

int n = 1, times = 5;

/\* for loops execution \*/

for (n = 1; n <= times; n = n + 1)

{

System.out.println("Java for loops:" + n);

}

}

}

1. For each Loop (or) Advanced for Loop (or) dynamic Loop

for(int i : max)

{

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}