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**JAVA Practice Programs**

**Java for Loop**

**Program1:**

**// Program to print a text 10 times**

**class Welcome\_Message{**

**public static void main(String[] args) {**

**int n = 10;**

**// for loop**

**for (int i = 0; i <= n; i++) {**

**System.out.println("Welcome To Xpresdata !");**

**}**

**}**

**}**

**Program2**

**// Program to print numbers from 1 to 1000**

**class Print\_numbers{**

**public static void main(String[] args) {**

**int n = 1000;**

**// for loop**

**for (int i = 0; i <= n; i++) {**

**System.out.println(i);**

**}**

**}**

**}**

**Display Sum of Numbers**

# Program3

**// Program to find the sum of natural numbers from 1 to 100.**

**class Sum\_of\_numbers {**

**public static void main(String[] args) {**

**int sum = 0;**

**int n = 100;**

**// for loop**

**for (int i = 0; i <= n; i++) {**

**// body inside for loop**

**sum += i; // sum = sum + i**

**}**

**System.out.println("Sum of numbers is = " + sum);**

**}**

**}**

**Print Pattran**

**// Infinite for Loop**

**class Print\_Pattran {**

**public static void main(String[] args) {**

**for (int i = 1; i <= 5; i++) {**

**for(int j=1;j<=i;j++) {**

**System.out.print(“ \* ”);**

**}**

**System.out.println(“ ”);**

**}**

**}**

**}**

**Java Infinite Loop**

# Program4

**// Infinite for Loop**

**class Infinite\_loop {**

**public static void main(String[] args) {**

**for (int i = 1; i <= 10; --i) {**

**System.out.println(i);**

**}**

**}**

**}**

**Java while Loop**

# Program5

# // Program to display Message from 1 to 10 Times

# class While\_loop {

# public static void main(String[] args) {

# // declare variables

# int i = 1, n = 10;

# // while loop from 1 to 10

# while(i <= n) {

# System.out.println(“I love java Programming !”);

# i++;

# }

# }

# }

# Program4

**// Program to display numbers from 1 to 100**

**class Print\_numbers {**

**public static void main(String[] args) {**

**// declare variables**

**int i = 1, n = 100;**

**// while loop from 1 to 100**

**while(i <= n) {**

**System.out.println(i);**

**i++;**

**}**

**}**

**}**

**Do while Loop**

# Program3

**// Java program to illustrate the do-while loop**

**class dowhileloopDemo {**

**public static void main(String args[])**

**{**

**// initialisation expression**

**int i = 1;**

**do {**

**// Print the statement**

**System.out.println("I Love Xpredata !");**

**// update expression**

**i++;**

**}**

**// test expression**

**while (i < 6);**

**}**

**}**

# Program4

**public class Print\_numbers {**

**public static void main(String[] args) {**

**int i = 0;**

**do {**

**System.out.println(i);**

**i++;**

**}**

**while (i < 5);**

**}**

**}**

**Java Switch Statement**

# Program3

**// Java Program to check the size**

**// using the switch...case statement**

**class Switch {**

**public static void main(String[] args) {**

**int number = 44;**

**String size;**

**// switch statement to check size**

**switch (number) {**

**case 29:**

**size = "Small";**

**break;**

**case 42:**

**size = "Medium";**

**break;**

**// match the value of week**

**case 44:**

**size = "Large";**

**break;**

**case 48:**

**size = "Extra Large";**

**break;**

**default:**

**size = "Unknown";**

**break;**

**}**

**System.out.println("Size: " + size);**

**}**

**}**

**Program:**

**class Switch2 {**

**public static void main(String[] args) {**

**int expression = 2;**

**// switch statement to check size**

**switch (expression) {**

**case 1:**

**System.out.println("Case 1");**

**// matching case**

**case 2:**

**System.out.println("Case 2");**

**case 3:**

**System.out.println("Case 3");**

**default:**

**System.out.println("Default case");**

**}**

**}**

**}**

 ALL THE VERY BEST

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