**RECURSION EXAMPLES:**

**package recursion;**

**public class Recusion {**

**public static void print\_num(int num) {**

**if (num==0) {**

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

**return;**

**}**

***print\_num*(num-1);**

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

**}**

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

**int num=4;**

***print\_num*(num);**

**}**

**}**

**OUTPUT:**

**0**

**1**

**2**

**3**

**4**

**EXAMPLE:**

**package recursion;**

**public class Recusion {**

**public static void print\_num(int num) {**

**if (num==0) {**

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

**return;**

**}**

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

***print\_num*(num-1);**

**}**

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

**int num=5;**

***print\_num*(num);**

**}**

**}**

**OUTPUT:**

**5**

**4**

**3**

**2**

**1**

**0**