NEON PROGRAM

public class neon {  
 public static boolean checkNeon(int n) {  
 int square = n \* n;  
 int sum = 0;  
 while (square > 0) {  
 int r = square % 10;  
 sum += r;  
 square = square / 10;  
 }  
 if (sum == n) {  
 return true;  
 } else {  
 return false;  
 }  
 }  
  
 public static void main(String[] arg) {  
 int n = 9;  
 if (*checkNeon*(n)) {  
 System.*out*.println("Given numbers " + n + " is Neon");  
 } else {  
 System.*out*.println("Given numbers " + n + " is not Neon");  
 }  
 }  
}

OUTPUT:

Given numbers 9 is Neon