**Printf – Nested Ifs – For Loop – Date**



import java.util.Calendar;
import java.util.Date;
import java.util.Scanner;

public class PrintFormatting {
 public static void main(String[] args) {
 // Print formatting using PRINTFDateFormat dateFormat = new SimpleDateFormat("yyyy/MM/dd HH:mm:ss");

 String name="Ray";
 String address="Cork";
 System.out.println("Enter your age: ");
 Scanner in = new Scanner(System.in);
 int age = in.nextInt();
 in.close();

 //Read more: http://www.java67.com/2016/12/7-examples-of-stringformat-and-printf.html#ixzz4yu0uwU74

 System.out.printf("Customer Details: ");
 System.out.printf("Name: %20s\n",name);
 System.out.printf("Address: %20s%n",address);
 // Create date instance and display
 Calendar c = Calendar.getInstance();
 System.out.format("%te/%tm/%tY%n", c, c, c);
 // Import java.util.Date; to use Date
 Date today = new Date();
 System.out.printf("Date in dd/mm/yy format %td/%tm/%ty %n", today,today,today );
 //Nested if
 if (age<50) {
 System.out.println("You are young");
 } else {
 System.out.println("You are old");
 if (age>65) {
 System.out.println("You are retired");
 }else {
 System.out.println("You are almost retired");
 }
 }

 if (age>=80)
 System.out.println("You are lucky");
 else if (age>=70)
 System.out.println("You are in your 70s");
 else if (age>=60)
 System.out.println("You are in your 60s");
 else if (age>=50)
 System.out.println("You are in your 50s");
 else
 System.out.println("You are young");

 for (int counter=1;counter<=10;counter+=3) {
 System.out.println(counter);
 }

 }
}