Exercise – Printf – For – Nested Ifs – 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";

 Scanner in = **new** Scanner(System.***in***);

 System.***out***.println("Enter your age: ");

 **int** age = in.nextInt();

 //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=2;counter<=10;counter++) {

 System.***out***.print(counter);

 }

 }

}