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);

}

}

}