Clear Minds
CONSULTORES

ORACLE®
Certified
Associate

JAVA SE 8 PROGRAMMER

LocalDate LocalDateTime

```
LocalDate ld = LocalDate.now();
System.out.println(ld);    //yyyy-mm-dd
```

```
LocalDate ld1 = LocalDate.of(2019,Month.AUGUST,22);
System.out.println(ld1);
```

```
LocalDate ld2 = LocalDate.of(2019,7,28);
System.out.println(ld);
```

```java
LocalDateTime ldt = LocalDateTime.now();
System.out.println(ldt);
    //yyyy-mm-ddThh:mm:ss.ns
LocalDateTime ldt1 =
LocalDateTime.of(2019,Month.AUGUST,22,10,4);
System.out.println(ldt1);


LocalDateTime ldt3 =
LocalDateTime.of(2019,Month.AUGUST,22,10,4,54);
System.out.println(ldt3);
```

LocalDate ld = LocalDate.of(2019,10,30);

System.out.println(ld);

ld.plusDays(5);

System.out.println(ld);

LocalDate es inmutable!!

Al igual que String, la fecha original no cambia, devuelve una nueva fecha

```
LocalDateTime  ldt = LocalDateTime.of(2019,10,30,10,20);
System.out.println(ldt);
 ldt.plusMonths(1);
System.out.println(ldt);
```

LocalDateTime es inmutable!!
Al igual que String, la fecha original no cambia, devuelve una nueva fecha

plusYears   **plusHours**
plusMonths   **plusMinutes**
plusDays   **plusSeconds**

minusYears   **minusHours**
minusMonths   **minusMinutes**
minusDays   **minusSeconds**

getYears   **getHours**
getMonths   **getMinutes**
getDays   **getSeconds**

```
LocalDate ld = LocalDate.of(2019,8,2);
LocalDateTime ldt = ld.atTime(23,43);


LocalDateTime ldt2 = ld.atStartOfDay();
```

ld1.isAfter(other)
ld1.isBefore(other)
ld1.isEqual(other)

```java
LocalDate ld = LocalDate.of(2019,3,20);
System.out.print(ld.format(DateTimeFormatter.ISO_DATE);
System.out.print(ld.format(DateTimeFormatter.ISO_DATE_TIME);
```

LocalDateTime ldt = LocalDateTime.of(2019,3,20,23,32);
System.out.print(ldt.format(DateTimeFormatter.ISO_DATE);
System.out.print(ldt.format(DateTimeFormatter.ISO_DATE_TIME);

LocalDate ld = LocalDate.parse("2020-01-23");
System.out.print(ldt.format(DateTimeFormatter.ISO_DATE);

LocalDate ld =
LocalDate.parse("2020-01-23",DateTimeFormmatter.ISO_DATE);
System.out.print(ld.format(DateTimeFormatter.ISO_DATE);

LocalDate ld =
LocalDate.parse("2020-01-23",DateTimeFormmatter.ISO_DATE_TIME);
System.out.print(ldt.format(DateTimeFormatter.ISO_DATE);

LocalDate ld =
LocalDate.parse("2020-01-23T12:23",DateTimeFormmatter.ISO_DATE_TIME);
System.out.print(ld.format(DateTimeFormatter.ISO_DATE);