

Testing

- Date: 1985, 6, 30, 13, 12
- Date: 2020, 8, 4, 10, 23
- Date: 1996, 2, 29, 9, 35
- Date: 2010, 13, 9, 14, 45

```
Console
<terminated> Test (1) [Java Application] C:\Program Files\Java\jre1.8.0_221\bin\javaw.exe (2 Oct 2019, 10:55:06)
InvalidDateException: Boss: John Smith join date 1985-06-30T13:12:00 is Invalid
Reason:Date is before 1990
    at Employee.date_check(Employee.java:109)
    at Employee.<init>(Employee.java:33)
    at Boss.<init>(Boss.java:13)
    at Test.main(Test.java:30)
InvalidDateException: Commission worker: Sue Jones join date 2020-08-04T23:10:00 is Invalid
Reason:Date is in the future
    at Employee.date_check(Employee.java:109)
    at Employee.<init>(Employee.java:33)
    at CommissionWorker.<init>(CommissionWorker.java:15)
    at Test.main(Test.java:35)
InvalidDateException: Hourly worker: Karen Price join date 2010-13-09T14:45:00 is Invalid
Reason:org.joda.time.IllegalFieldValueException: Cannot parse "2010-13-09T14:45:00": Value 13 for monthOfYear must be in the range [1,12]
    at Employee.date_check(Employee.java:126)
    at Employee.<init>(Employee.java:33)
    at HourlyWorker.<init>(HourlyWorker.java:14)
    at Test.main(Test.java:45)
```

- Date: 2008, 10, 27, 8, 33
- Date: 2003, 1, 18, 11, 14
- Date: 1999, 2, 30, 16, 11
- Date: 2015, 7, 8, 18, 37

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Console
<terminated> Test (1) [Java Application] C:\Program Files\Java\jre1.8.0_221\bin\javaw.exe (2 Oct 2019, 10:58:35)
InvalidDateException: Boss: John Smith join date 1985-06-30T13:12:00 is Invalid
Reason:Date is before 1990
    at Employee.date_check(Employee.java:109)
    at Employee.<init>(Employee.java:33)
    at Boss.<init>(Boss.java:13)
    at Test.main(Test.java:30)
InvalidDateException: Commission worker: Sue Jones join date 2020-08-04T23:10:00 is Invalid
Reason:Date is in the future
    at Employee.date_check(Employee.java:109)
    at Employee.<init>(Employee.java:33)
    at CommissionWorker.<init>(CommissionWorker.java:15)
    at Test.main(Test.java:35)
InvalidDateException: Hourly worker: Karen Price join date 2010-13-09T14:45:00 is Invalid
Reason:org.joda.time.IllegalFieldValueException: Cannot parse "2010-13-09T14:45:00": Value 13 for monthOfYear must be in the range [1,12]
    at Employee.date_check(Employee.java:126)
    at Employee.<init>(Employee.java:33)
    at HourlyWorker.<init>(HourlyWorker.java:14)
    at Test.main(Test.java:45)
```

- Date: 1989, 12, 12, 19, 25
- Date: 2019, 2, 29, 3, 40
- And two correct dates.

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Console
<terminated> Test (1) [Java Application] C:\Program Files\Java\jre1.8.0_221\bin\javaw.exe (2 Oct 2019, 11:01:10)
InvalidDateException: Boss: John Smith join date 1981-12-12T19:25:00 is Invalid
Reason:Date is before 1990
    at Employee.date_check(Employee.java:109)
    at Employee.<init>(Employee.java:33)
    at Boss.<init>(Boss.java:13)
    at Test.main(Test.java:30)
InvalidDateException: Commission worker: Sue Jones join date 2019-02-29T11:03:40 is Invalid
Reason:org.joda.time.IllegalFieldValueException: Cannot parse "2019-02-29T11:03:40": Value 29 for dayOfMonth must be in the range [1,28]
    at Employee.date_check(Employee.java:126)
    at Employee.<init>(Employee.java:33)
    at CommissionWorker.<init>(CommissionWorker.java:15)
    at Test.main(Test.java:35)
```