```java
package com.itbulls.learnit.javacore.enumerations;

public class EnumDemo {

        public static void main(String[] args) {

                Priority priority = Priority.HIGH;

                switch (priority) {
                        case HIGH:
                                System.out.println("High priority");
                                break;
                        case MEDIUM:
                                System.out.println("Medium priority");
                                break;
                        case LOW:
                                System.out.println("Low priority");
                                break;
                }

                System.out.println("=========== Enum valueOf()");

                Priority priority2 = Priority.valueOf("HIGH");
                System.out.println(priority2);

//              priority2 = Priority.valueOf("high"); // java.lang.IllegalArgumentException: No enum
constant com.itbulls.learnit.javacore.enumerations.Priority.high

                System.out.println("=========== Enum comparison");
```

```java
            System.out.println("Priority.HIGH == Priority.MEDIUM: "
                                    + (priority == Priority.MEDIUM));
    // false

            System.out.println("Priority.HIGH == Priority.HIGH: "
                                    + (priority == Priority.HIGH));     //
true

            System.out.println("=========== Enum ordinal()");

            System.out.println("Priority.HIGH.ordinal(): " + Priority.HIGH.ordinal());
            System.out.println("Priority.MEDIUM.ordinal(): " + Priority.MEDIUM.ordinal());

            System.out.println("=========== Enum iteration");

            Priority[] values = Priority.values();
            for (Priority priority3 : values) {
                    System.out.println(priority3);
            }

            System.out.println("=========== Enum fields and methods");

            System.out.println("Month.JANUARY.getDaysAmount(): " +
Month.JANUARY.getDaysAmount());

        }

}
```