1. Implement console program which will meet the following requirements:
    a. Program starts and ask user to enter message type
    b. Only 'A', 'B', 'C' or 'D' message types are allowed.
    c. In case user entered invalid message type, program asks to enter message type again
    d. When valid message type is entered program prints message type priority to console
    e. Priority and Message Type implemented as enum types
    f. Message types have next priorities:

Message Type	Priority
A	HIGH
B	MEDIUM
C	LOW
D	LOW

    g. MessageType enum has next method:

```
public Priority getPriority() {
        <write your code here>
}
```