```
@WebServlet("/loanEnquiry)
class LoanEnquiryServlet extends HttpServlet {
    public void service(httpReq, httpResp) {
        Properties props = new Properties();
        double ri = 0.0;
        String applicantName = httpReq.getParameter("applicantName");
        String mobileNo = httpReq.getParameter("mobileNo");
        String emailAddress = httpReq.getParameter("emailAddress");
        double principleAmount = Double.parseDouble(httpReq.getParameter("principleAmount"));
        int tenure = Integer.parseInt(httpReq.getParameter("tenure"));
        String city = httpReq.getParameter("city");
        String loanType = httpReq.getParameter("loanType");
        ...

        props.load(this.getClass().getClassLoader().getResourceAsStream("cityri.properties"));
        if(props.containsKey(city) == false) {
            throw new ServletException("city is not supported");
        }
        ri = Double.parseDouble(props.getProperty(city));
        double interestAmount = (principleAmount * tenure * ri)/100;
        double repaymentAmount = principleAmount + interestAmount;
        double processingFee = principleAmount * 10 / 100;

        // bind all these values into request scope
        // forward to loan-estimate.jsp
    }
}
```

path: /loanEnquiry

```
Name:          [____]
mobile:        [____]
email address: [____]
loan Type:     [____]
tenure:        [____]
principle amt: [____]
profession:    [____]
gross income:  [____]
net income:    [____]
city:          [____]
zipCode:       [____]
                  [submit]
```

loan-enquiry.jsp

```
lender name:
mobile:
email address:
principle:
tenure:
rate of interest:
interest amount:
emi:
total repayment
amount:
processing charges:
```

loan-
estimate.jsp

#1
joe
homeloan
120
1500000
hyderabad

#2
bob
homeloan
180
2500000
hyderabad

how does the interest rate will be decided for an applicant?
1. loanType
2. tenure
3. principle amount
4. credit score
5. location

loan_ri_configuration

| loan_type | min_tenure | max_tenure | min_principle_amt | max_principle_amt | min_credit_score | max_credit_score | city | ri |
|---|---|---|---|---|---|---|---|---|
| home loan | 120 | 180 | 200000 | 500000 | 600 | 680 | hyderabad | 13 |

instead of considering lot of parameters in picking up the rate of interest applicable for a given loan we want to use only city
as a parameter to find the ri applicable

cityri.properties
-----------------
hyderabad=10.1
banglore=10.25
chennai=11
new delhi=10.15
gurgoan=10.56
pune=11.12