Dictionary Project

GitHub code :

https://github.com/faysalmazeddiu/faysalmazeddiu.github.io/tree/main/dictionary_project

Figure -1 :

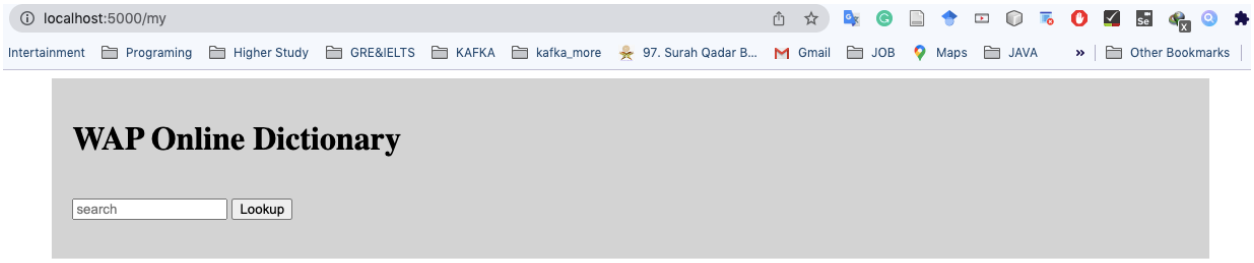


Figure-2 :

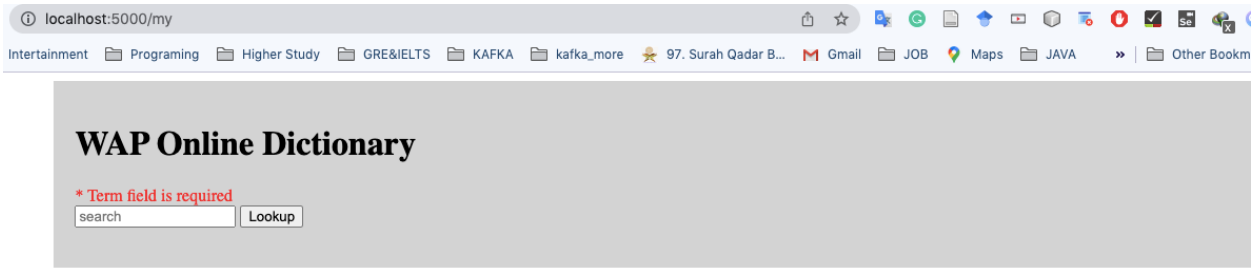


Figure-3 :

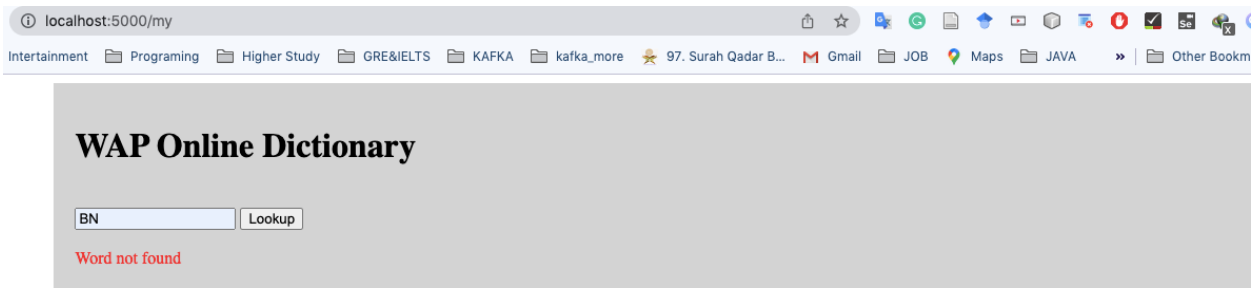


Figure-4:

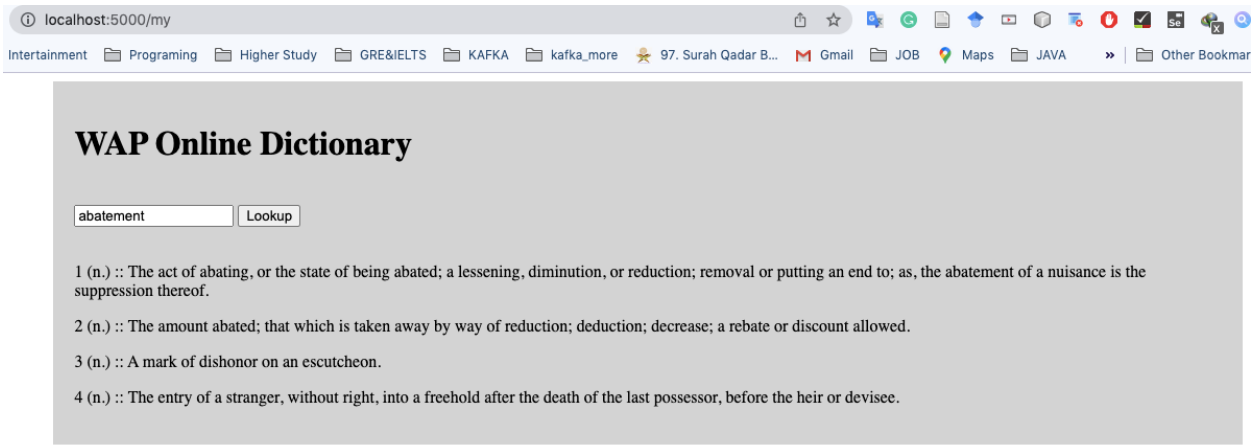


Figure-5:

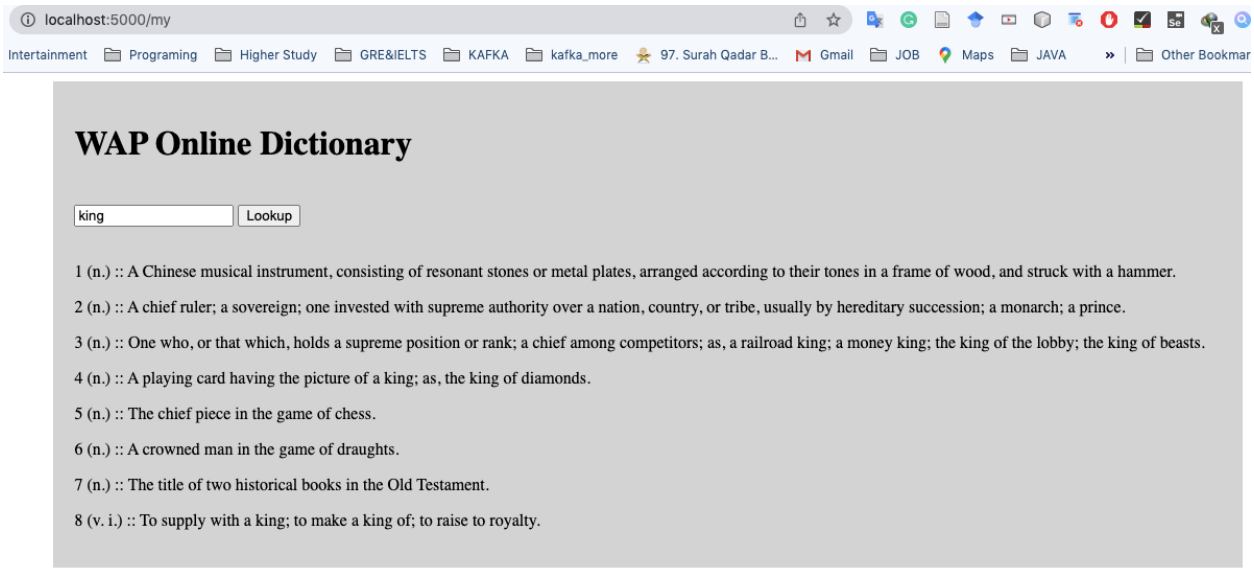
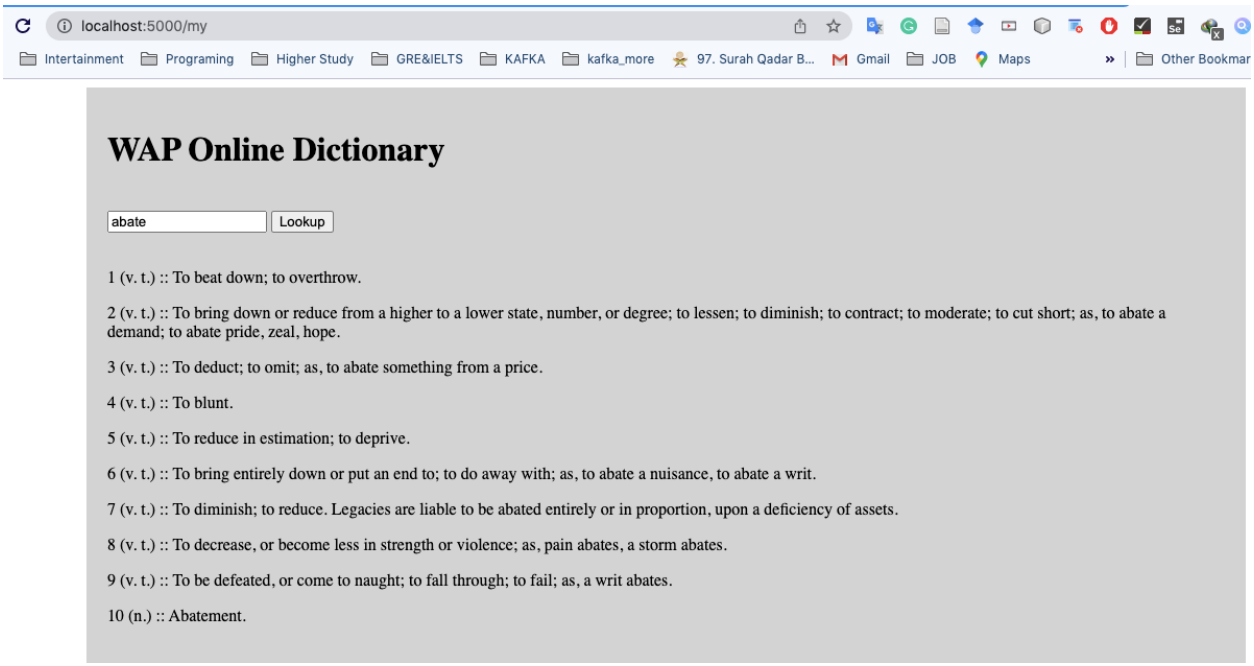


Figure-6



Database connection Code :

```
const express=require('express');
const urlencodedparser=express.urlencoded({extended:false});
const directoryRoute=express.Router();
const mysql=require('mysql');

var connection=mysql.createConnection({
    host:'localhost',
    user:'root',
    password:"12345678",
    database:'entries'
});

directoryRoute.get('/',(req,res,next)=>{
    connection.connect((err)=>{
        if (err) {
            console.log("Database not cnnected");
        }else{
            console.log("Database cnnected");
            res.redirect('/my');
```

```
        }.   })
});
```

Database query method :

```
directoryRoute.get('/api/search/get',urlencodedparser,(req,res)=>{
            console.log(req.query.word);
 connection.query(`SELECT * FROM entries WHERE word =
'${req.query.word}'`,(err,data)=>{
                if (err) {
                    console.log("something wrong......");
                }else{
                    console.log(data);
                    res.status(200).json(data);
                }
            });
});
```

jQuery Request :

```
$(document).ready(function(){

    $("#btnSearch").click(function(){

         $("#meaning").html("");
        $("#err").html("");
        $("#err1").text("");
        var value=$("#search").val();
        if (value.length===0) {

            $("#err").html("* Term field is required");
            return false;
        }else{

            var url ="http://localhost:5000/api/search/get";

            $.get(url,{word:value}).done(suceesFunction).fail(errorFunction);

            function suceesFunction(result){

                if (result.length==0) {
                        $("#err1").text("Word not found").css("color","red");
                }else{
                    var count=0;
```

```
                        $.each(result,function(index,value){
                            ++count;
                            $("#meaning").append("<p>"+count+" ("+value.wordtype+") ::
"+value.definition+"</p>");
                        });
                    }
            }

            function errorFunction(error){
                     alert(error);
                    $.each(error,function(index,value){
                            alert(value);

                        });
            }

        }

    });

});
```