

```
@RestResource(urlmapping='/Restcase4/')
```

```
GLOBAL class RESTCLASS
```

```
{
```

```
    @httpget
```

```
    global static list<case> getallcasess()
```

```
    {
```

```
        list<case> result=[select casenumber,subject,origin from case];
```

```
        system.debug(result);
```

```
        return result;
```

```
    }
```

```
}
```

```
/services/apexrest/Restcase4/
```

```
.....
```

```
@RestResource(urlmapping='/Restcase4/')
```

```
GLOBAL class RESTCLASS
```

```
{
```

```
    @httpget
```

```
    global static list<case> getallcasess()
```

```
    {
```

```
        list<case> result=[select casenumber,subject,origin from case];
```

```
        system.debug(result);
```

```
        return result;
```

```
    }
```

@httppost

global static id createcase(string s1,string st2,string or1,string pr2)

```
{  
    case newcase1=new case(subject=s1,status=st2,origin=or1,priority=pr2);  
    insert newcase1;  
    return newcase1.id;  
  
}
```

@httpdelete

global static id deletecase()

```
{  
    RestRequest req=restcontext.request;  
    string caseid=req.requestURI.substring(req.requestURI.lastIndexOf('/')+1);  
    case result=[select id from case where id=:caseid];  
    delete result;  
    return result.id;  
  
}  
}
```

Execution for post

public class restweb

```

{
public static void callingrest()
{
    http http=new http(); // initiate the request and response from the web server we require http
    method

    httprequest request=new httprequest(); // to create a request

    request.setEndpoint('https://th-apex-http-callout.herokuapp.com/animals'); //set an endpoint
    of address from where user want data

    request.setmethod('GET'); //specify the http method

    httpresponse response=http.send(request);
if(response.getStatusCode()==200)
{
    string result=response.getBody();
    system.debug (result);
}

}

}

```

Light weight :json

```

public class restweb
{
public static void callingrest()
{
    http http=new http(); // initiate the request and response from the web server we require http
    method

    httprequest request=new httprequest(); // to create a request

    request.setEndpoint('https://th-apex-http-callout.herokuapp.com/animals'); //set an endpoint
    of address from where user want data

    request.setmethod('GET'); //specify the http method

```

```

        httpresponse response=http.send(request);
if(response.getStatusCode()==200)
{
    // string result=response.getBody();
    // system.debug (result);
    map<string,object> results=(map<string,object>)json.deserializeUntyped(response.getBody());
        string result1=response.getBody();
        system.debug(result1);
    list<object> animalist=(list<object>)results.get('animals');
    for(object o: animalist)
    {
        system.debug(o);
    }
}
}
}

```

```

}
}

```

```

}

```

.....

```

public class restsend
{
    public static void new1()
    {
        Http http = new Http();
        HttpRequest request = new HttpRequest();
        request.setEndpoint('https://th-apex-http-callout.herokuapp.com/animals');
        request.setMethod('POST');
        request.setHeader('Content-Type', 'application/json;charset=UTF-8');
    }
}

```

```
// Set the body as a JSON object
request.setBody({'name':"mighty moose"});
HttpResponse response = http.send(request);
// Parse the JSON response
if(response.getStatusCode() != 201) {
    System.debug('The status code returned was not expected: ' + response.getStatusCode() + '
' + response.getStatus());
} else
{
    System.debug(response.getBody());
}
}
}
```