

```
@GetMapping("/exp01")
public ResponseEntity<?> display8() {
    JSONObject jo = new JSONObject();
    jo.put("a", 1);
    jo.put("b", 2);
    jo.put("c", 3);
    return new ResponseEntity<>( body: "Nijal:" + jo, HttpStatus.OK);
}
```

```
@GetMapping("/exp02")
public ResponseEntity<?> display9() {
    JSONObject jo = new JSONObject();
    jo.put("Salary:", 56000);
    jo.put("Name:", "Tiger");
    jo.put("married:", true);
    JSONObject j1 = new JSONObject();
    j1.put("employee1", jo);
    j1.put("employee2", jo);
    return new ResponseEntity<>(j1, HttpStatus.OK);
}
```

```
@GetMapping("/exp03")
public ResponseEntity<?> display10() {
    JSONObject jo = new JSONObject();
    jo.put("mark:", 80);
    jo.put("Name:", "Sonu");
    jo.put("result:", "pass");
    JSONObject j2=new JSONObject();
    j2.put("Salary:", 56000);
    j2.put("Name:", "Tiger");
    j2.put("marrieed:", true);
    JSONObject j1 = new JSONObject();
    j1.put("employee1", jo);
    j1.put("employee2", j2);
    return new ResponseEntity<>(j1, HttpStatus.OK);
}
```

```
@GetMapping("/exp04")
public ResponseEntity<?> display11() {
    JSONObject jo = new JSONObject();
    jo.put("name", "Ram");
    jo.put("email", "Ram@GMAIL.COM");
    JSONObject j1 = new JSONObject();
    j1.put("name", "Nijal");
    j1.put("email", "bob32@gmail.com");
    String j = jo.toString() + j1;
    return new ResponseEntity<>( body: "[" + j + "]", HttpStatus.OK);
}
```

```
@GetMapping("/exp05")
```

```
public ResponseEntity<?> display12() {  
    JSONObject jo = new JSONObject();  
    jo.put("name", "Nijal");  
    jo.put("email", "bob32@gmail.com");  
    JSONArray ja = new JSONArray();  
    ja.add(jo);  
    ja.add(jo);  
    ja.add(jo);  
    JSONObject j1 = new JSONObject();  
    j1.put("Employees:", ja);  
    return new ResponseEntity<>(j1, HttpStatus.OK);  
}
```

```
@GetMapping("/exp06")
public ResponseEntity<?> display13() {
    JSONObject jo = new JSONObject();
    jo.put("a", "Nijal");
    jo.put("b", 123);
    JSONArray ja = new JSONArray();
    ja.add(jo);
    ja.add(jo);
    ja.add(jo);
    JSONObject j1 = new JSONObject();
    j1.put("Employee3:", ja);
    JSONObject j2 = new JSONObject();
    j2.put("Employee2:", j1);
    j2.put("A:", "Name");
    j2.put("B:", 1234);
    JSONObject j3 = new JSONObject();
    j3.put("Employee1", j2);
    return new ResponseEntity<>(j3, HttpStatus.OK);
}
```

@GetMapping("/exp07")

```
public ResponseEntity<?> Display14(){
    JSONObject jo = new JSONObject();
    jo.put("Grade", "0");
    jo.put("Science", "pass");
    JSONArray ja=new JSONArray();
    ja.add(jo);
    JSONObject j1=new JSONObject();
    j1.put("Name: ", "Shyam");
    j1.put("Marks", ja);
    j1.put("Email:", "nijalss@gmail.com");
    JSONObject j2 = new JSONObject();
    j2.put("Grade", "C");
    j2.put("Maths", "pass");
    JSONArray ja1=new JSONArray();
    ja1.add(j2);
    JSONObject j3=new JSONObject();
    j3.put("Name: ", "Bob");
    j3.put("Marks", ja1);
    j3.put("Email:", "bobss@gmail.com");
    JSONObject j4 = new JSONObject();
    j4.put("Grade", "E");
    j4.put("English", "Fail");
    JSONArray ja2=new JSONArray();
    ja2.add(j4);
    JSONObject j5=new JSONObject();
    j5.put("Name: ", "Jai");
    j5.put("Marks", ja2);
    j5.put("Email:", "jai87@1gmail.com");
```

```
195     JSONArray ja2=new JSONArray();
196     ja2.add(j4);
197     JSONObject j5=new JSONObject();
198     j5.put("Name: ", "Jai");
199     j5.put("Marks", ja2);
200     j5.put("Email:", "jai87@1gmail.com");
201     JSONArray jaa1=new JSONArray();
202     jaa1.add(j1);
203     jaa1.add(j3);
204     jaa1.add(j5);
205     JSONObject j22=new JSONObject();
206     j22.put("Employee", jaa1);
207     return new ResponseEntity<>(j22, HttpStatus.OK);
208 }
```