

DAY-26 , DT-25/06/24

WITHOUT MODEL BASED FORM IN DJANGO:

```
models.py U X views.py U settings.py U ... P030
EmployeeInfo > EmployeeInfoApp > models.py > ...
1 from django.db import models
2
3 # Create your models here.
4 class Employee(models.Model):
5     name=models.CharField(max_length=30)
6     desg=models.CharField(max_length=50)
7     age=models.IntegerField()
8     sal=models.FloatField()
9     address=models.CharField(max_length=50)
10
```

```
models.py U views.py U settings.py U ... P030
EmployeeInfo > EmployeeInfoApp > views.py > employee_view
1 from django.shortcuts import render,HttpResponse
2 from .forms import EmployeeForm
3 from .models import Employee
4
5 def employee_view(request):
6     if request.method=='POST':
7         form=EmployeeForm(request.POST)
8         if form.is_valid():
9             name=form.cleaned_data['name']
10            age=form.cleaned_data['age']
11            desg=form.cleaned_data['desg']
12            sal=form.cleaned_data['sal']
13            address=form.cleaned_data['address']
14            emp=Employee(name=name,age=age,desg=desg,sal=sal,
15            address=address)
16            emp.save()
17            return HttpResponse('one record inserted
18            successfully')
19        else:
20            form=EmployeeForm()
21            context={'form':form}
22            return render(request,'EmployeeInfoApp/form.html',context)
23
24
```

```
EmployeeInfo > templates > EmployeeInfoApp > form.html
1 </DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="utf-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1" />
6     <title>Bootstrap demo</title>
7     <link
8         href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.
9         css"
10        rel="stylesheet"
11        integrity="sha384-QnTKzjbpPEjTisWQSa8RuK067Poe/WbZiAjLijou1ybHs7vgHUiKhm
12        crossorigin="anonymous"
13        />
14 </head>
15 <body>
16     <div align="center"><button>Submit the data</button>
17     <div class="container" align="center">
18         <form action="" method="post">
19             <div>
20                 <input type="text" value="" />
21                 <input type="text" value="" />
22                 <input type="text" value="" />
23                 <input type="text" value="" />
24                 <input type="text" value="" />
25             </div>
26             <input type="submit" value="submit" />
27         </form>
28     </div>
29 </body>
30
```



Submit the data

Name:	<input type="text" value="Priti"/>
Desg:	<input type="text" value="SE"/>
Age:	<input type="text" value="23"/>
Sal:	<input type="text" value="23456"/>
Address:	<input type="text" value="BBSR"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	



one record inserted successfully

```
models.py U views.py U forms.py U success.html U
EmployeeInfoApp > EmployeeInfoApp > views.py > employee_view
1 from django.shortcuts import render,HttpResponse
2 from .forms import EmployeeForm
3 from .models import Employee
4
5 def employee_view(request):
6     if request.method=="POST":
7         form=EmployeeForm(request.POST)
8         if form.is_valid():
9             name=form.cleaned_data['name']
10            age=form.cleaned_data['age']
11            desg=form.cleaned_data['desg']
12            sal=form.cleaned_data['sal']
13            address=form.cleaned_data['address']
14            emp=Employee(name=name,age=age,desg=desg,sal=sal,
15                        address=address)
16            emp.save()
17            context={'name':name}
18            return render(request,'EmployeeInfoApp/success.html',
19                          context)
20            # return HttpResponse('one record inserted
21            # successfully')
22        else:
23            form=EmployeeForm()
24            context={'form':form}
25            return render(request,'EmployeeInfoApp/form.html',context)
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Submit the data

Name:	<input type="text" value="Rahul"/>
Desg:	<input type="text" value="CEO"/>
Age:	<input type="text" value="45"/>
Sal:	<input type="text" value="34657687"/>
Address:	<input type="text" value="Cuttack"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	



Success msg

Hello Rahul your record inserted successfully

```
models.py U views.py U forms.py U success.html U
EmployeeInfoApp > EmployeeInfoApp > views.py > ...
1 from django.urls import path
2 from . import views
3
4 urlpatterns = [
5     path('form/',views.employee_view,
6         name='employee_view'),
7 ]
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Submit the data

Name:	<input type="text" value="kajal"/>
Desg:	<input type="text" value="Mangaer"/>
Age:	<input type="text" value="34"/>
Sal:	<input type="text" value="234567"/>
Address:	<input type="text" value="Cuttack"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	



Success msg

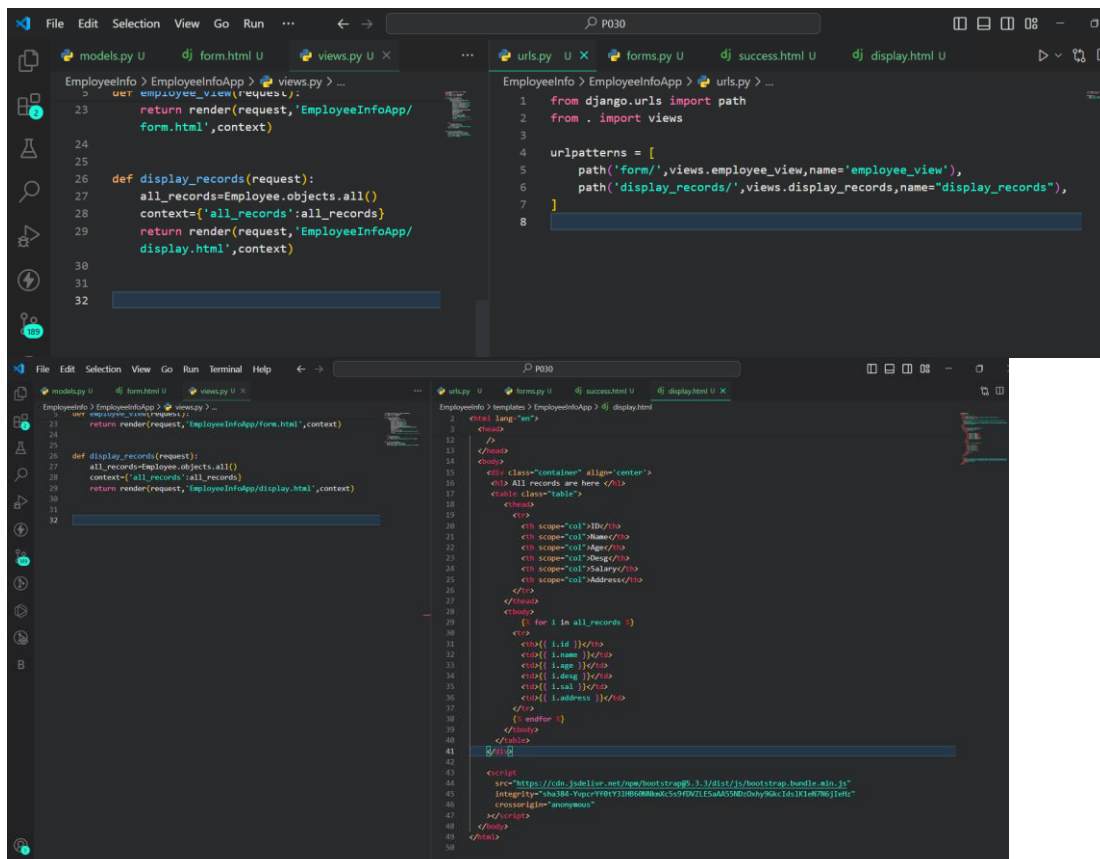
Hello kajal your record inserted successfully

[Back to form](#)



Submit the data

Name:	<input type="text"/>
Desg:	<input type="text"/>
Age:	<input type="text"/>
Sal:	<input type="text"/>
Address:	<input type="text"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	





All records are here

ID	Name	Age	Desg	Salary	Address
1	Priti	23	SE	23456.0	BBSR
2	Priti	23	SE	23456.0	BBSR
3	Rahul	45	CEO	34657687.0	Cuttack
4	Rahul	45	CEO	34657687.0	Cuttack
5	Rahul	45	CEO	34657687.0	Cuttack
6	Rahul	45	CEO	34657687.0	Cuttack
7	kajal	34	Mangaer	234567.0	Cuttack



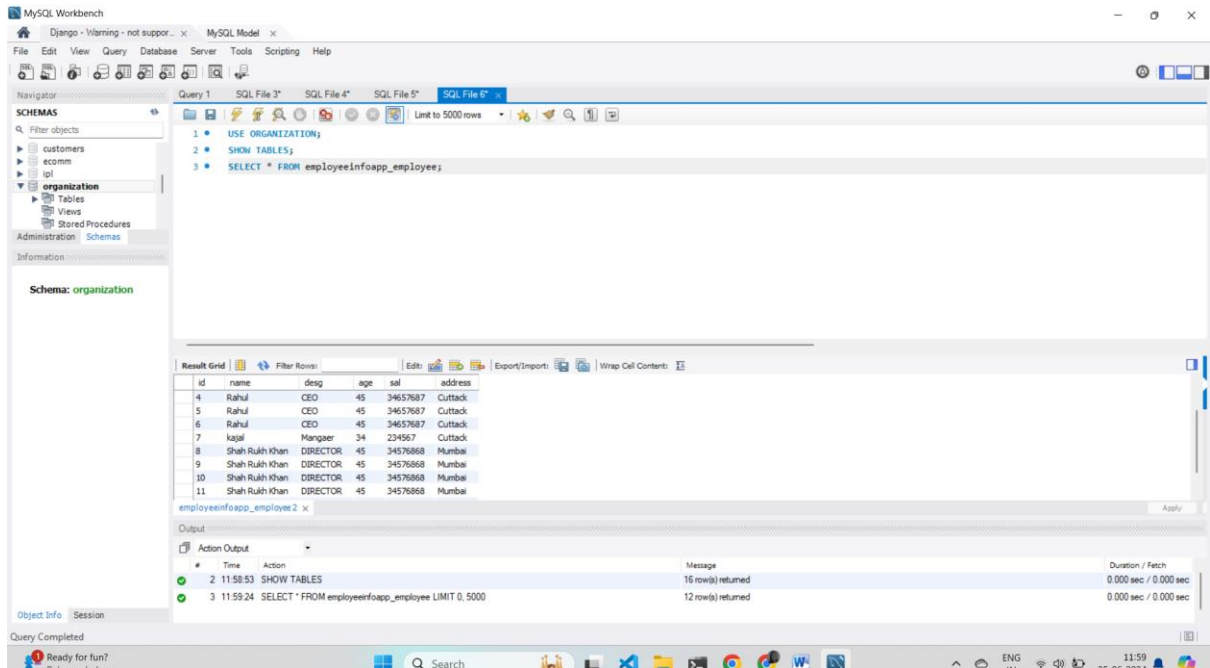
```
File Edit Selection View Go Run Terminal Help
EmployeeInfo > EmployeeInfoApp > urls.py > ...
1 from django.urls import path
2 from . import views
3
4 urlpatterns = [
5     path('form/', views.employee_view,
6         name='employee_view'),
7     path('display_records/', views.display_records,
8         name='display_records'),
9 ]
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EmployeeInfo > templates > EmployeeInfoApp > dj_success.html
1 <html lang="en">
2 <head>
3
4 <link
5     rel="stylesheet"
6     integrity="sha384-QwTKZyypPEPPjSv5MaR990F0E6p0k6YctnVAdR5pHlyT2BrjXho3Jv6hW+ALEwIH"
7     crossorigin="anonymous"
8 >
9 </head>
10 <body>
11 <div align="center"><div>Success msg</div></div>
12 <div class="container" align="center">
13 <div>Hello {{ name }} your record inserted successfully </div>
14 <a class="btn btn-primary" href="{% url 'employee_view' %}">Back to form</a>
15 <a class="btn btn-success" href="{% url 'display_records' %}">Views all records</a>
16 </div>
17
18 <script
19     src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
20     integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9F0D21EsAAS5MDzcZxhy9GkTds1K1n7N6j1eH2"
21     crossorigin="anonymous"
22 ></script>
23 </body>
24 </html>
```



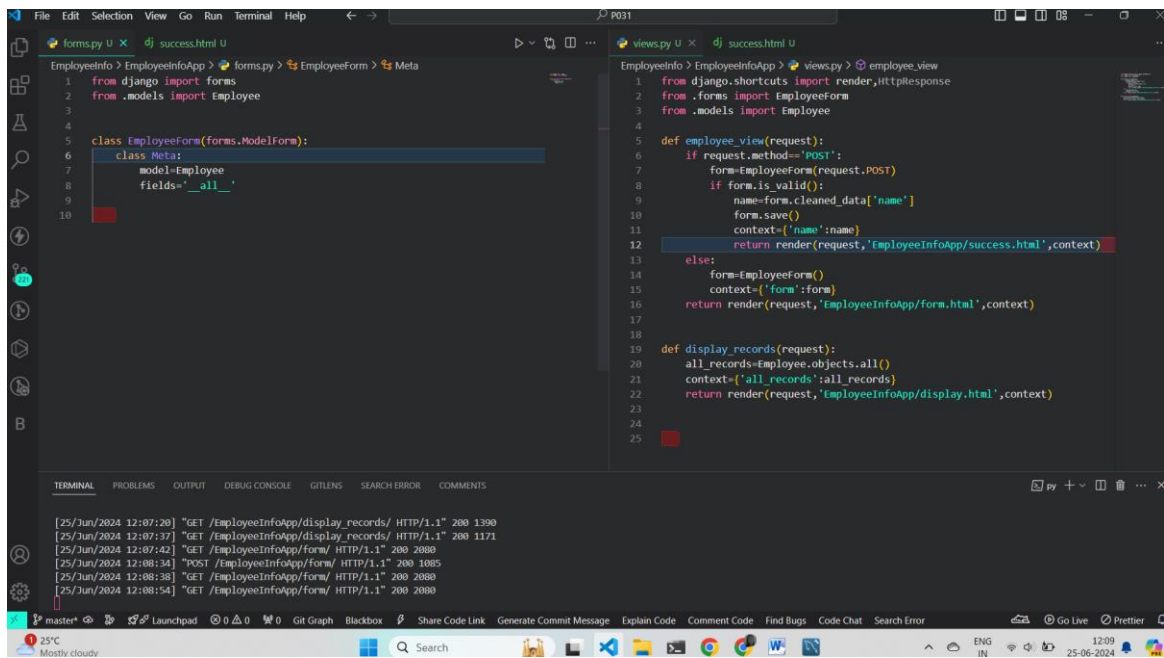
Success msg

Hello Shah Rukh Khan your record inserted successfully

[Back to form](#) [Views all records](#)



MODEL BASED FORM IN DJANGO:

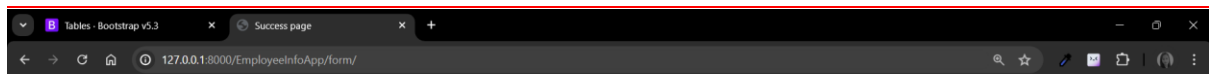


```
forms.py U X  success.html U
EmployeeInfo > EmployeeInfoApp > forms.py > EmployeeForm > Meta
1 from django import forms
2 from .models import Employee
3
4
5 class EmployeeForm(forms.ModelForm):
6     class Meta:
7         model=Employee
8         fields="__all__"
9
10
views.py U  success.html U
EmployeeInfo > templates > EmployeeInfoApp > dj success.html
1 <DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="utf-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1" />
6     <title>Success page</title>
7     <link
8         href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
9         rel="stylesheet"
10        integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnVdr5pNlyT2brj3h3Xh3YghWHALEWih"
11        crossorigin="anonymous"
12    />
13 </head>
14 <body>
15     <div align="center"><p>Success msg</p></div>
16     <div class="container" align="center">
17         <h1> Hello <span style="color: pink">{{ name }}</span> your record inserted successfully </h1>
18         <a class="btn btn-primary" href="{% url 'employee_view' %}">Back to form</a>
19         <a class="btn btn-success" href="{% url 'display_records' %}"> Views all records</a>
20     </div>
21
22     <script
23         src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
24         integrity="sha384-YvpcrYf0T33PHE9fwCX6S4GQlo0S5G4Q6ZuD3LNU4SAVa5G5ADZ0dhy9Gkc1ds3IK1en7N61eH2"
25         crossorigin="anonymous"
26     ></script>
27 </body>
28 </html>
29
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE GIT LENS SEARCH ERROR COMMENTS
[25/Jun/2024 12:08:54] "GET /EmployeeInfoApp/form/ HTTP/1.1" 200 2080
```



Submit the data

Name:	<input type="text" value="Priyanka"/>
Desg:	<input type="text" value="Software Developer"/>
Age:	<input type="text" value="24"/>
Sal:	<input type="text" value="345678"/>
Address:	<input type="text" value="BBSR"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	



Success msg

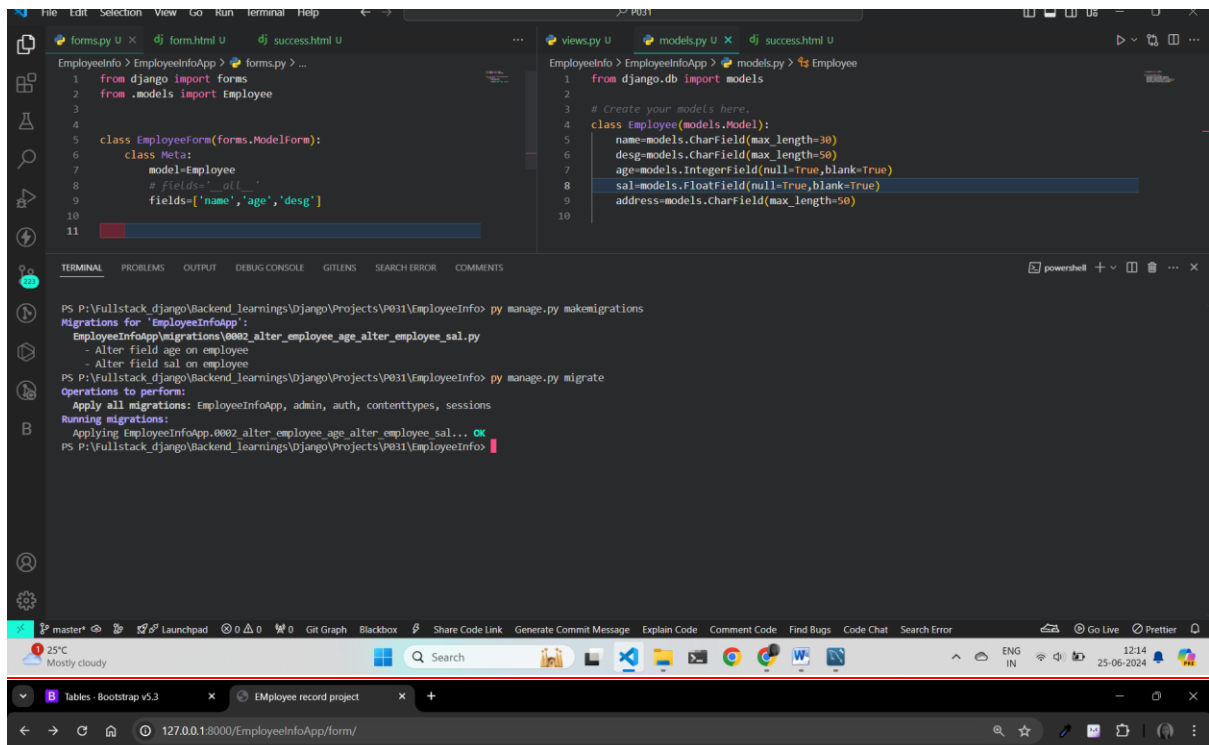
Hello Priyanka your record inserted successfully

[Back to form](#) [Views all records](#)



All records are here

ID	Name	Age	Desg	Salary	Address
15	Priyanka	24	Software Developer	345678.0	BBSR

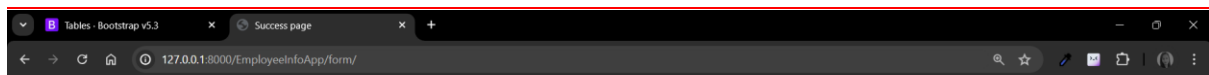


Submit the data

Name:

Age:

Desg:



Success msg

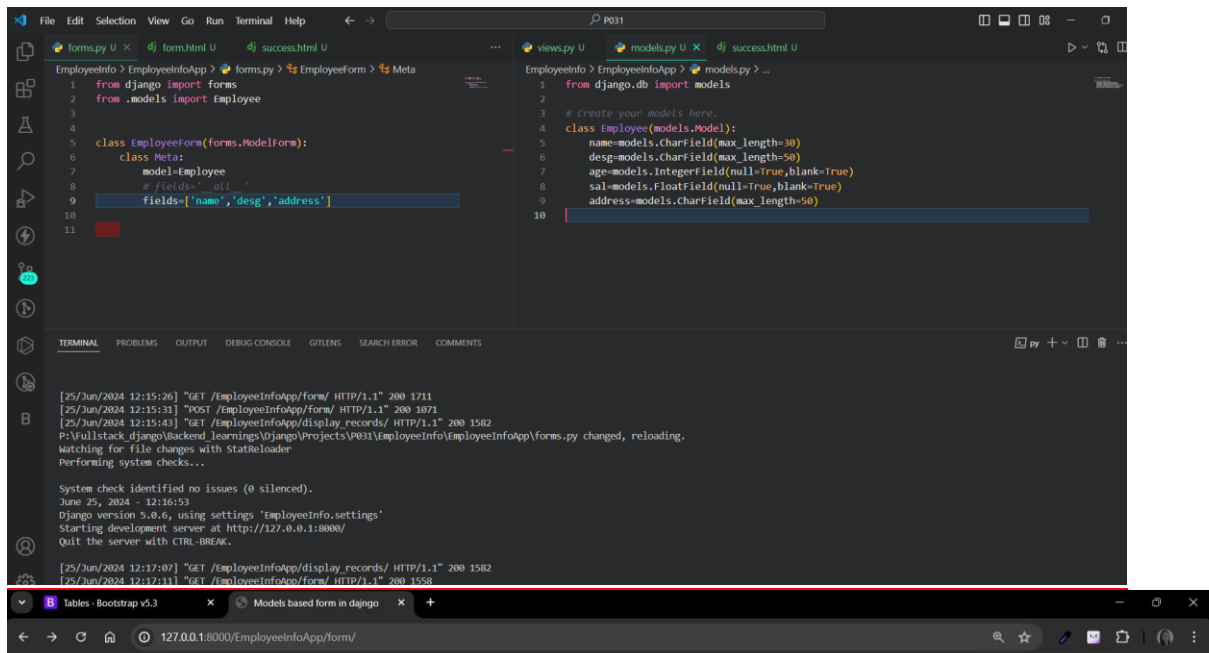
Hello **Rahul** your record inserted successfully

[Back to form](#) [Views all records](#)



All records are here

ID	Name	Age	Desg	Salary	Address
15	Priyanka	24	Software Developer	345678.0	BBSR
16	Rahul	34	DIRECTOR	None	



Submit the data

Name:	<input type="text" value="Kamla"/>
Desg:	<input type="text" value="Mangaer"/>
Address:	<input type="text" value="Cuttack"/>
<input type="button" value="reset"/> <input type="button" value="submit"/>	



Success msg

Hello **Kamla** your record inserted successfully

[Back to form](#) [Views all records](#)



All records are here

ID	Name	Age	Desg	Salary	Address
15	Priyanka	24	Software Developer	345678.0	BBSR
16	Rahul	34	DIRECTOR	None	
17	Kamla	None	Mangaer	None	Cuttack