

Saving form data into database

How to retrieve data from form on how to save into database

Read from input and save into Database

1. Get forms objects with inputs
2. Save

```
form = StudentModelForm(request.POST)
```

```
form.save ()
```

- We have to check initially that method is POST or GET for that if we write if condition.

```
if request.method=="POST":
```

```
    form=StudentModelForm(request.POST)
```

```
    if form.is_valid():
```

```
        form.save()
```

views.py

```
from admissions.models import student
```

```
from admissions.forms import StudentModelForm
```

```
def addadmission(request):
```

```
    form=StudentModelForm
```

```
    studentform= {'form':form}
```

```
    if request.method=="POST":
```

```
form=StudentModelForm(request.POST)

if form.is_valid():

    form.save()

return render(request,'admissions/addadmission.html',studentform)
```

- When we run this code error will come that error is csrf.

Error: cross site request forgery (csrf)

- It is attacked by hacker on by database.
- So, for other languages we have to write a code for csrf but in django we can overcome this by using simple tag { % csrf_token % }.
- This token generates unique code in the form of alpha numeric and it is mandatory.

addadmissions.html

```
<html>

<head>

<title>add admission page</title>

</head>

<body>

<h1>Add Admission Page</h1>

<form method="POST">

<table>
```

```
{{ form.as_table }}  
</table>  
<input type="submit" value="Add Student">  
{% csrf_token %}  
</form>  
</body>  
</html>
```

To run the server application

```
python manage.py runserver
```

- Go to browser window and type this url <http://127.0.0.1:8000>
- It will shows the view action and choose the view particular action

<http://127.0.0.1:8000/ad/newadm>