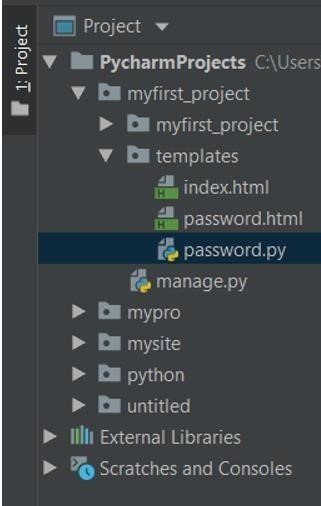
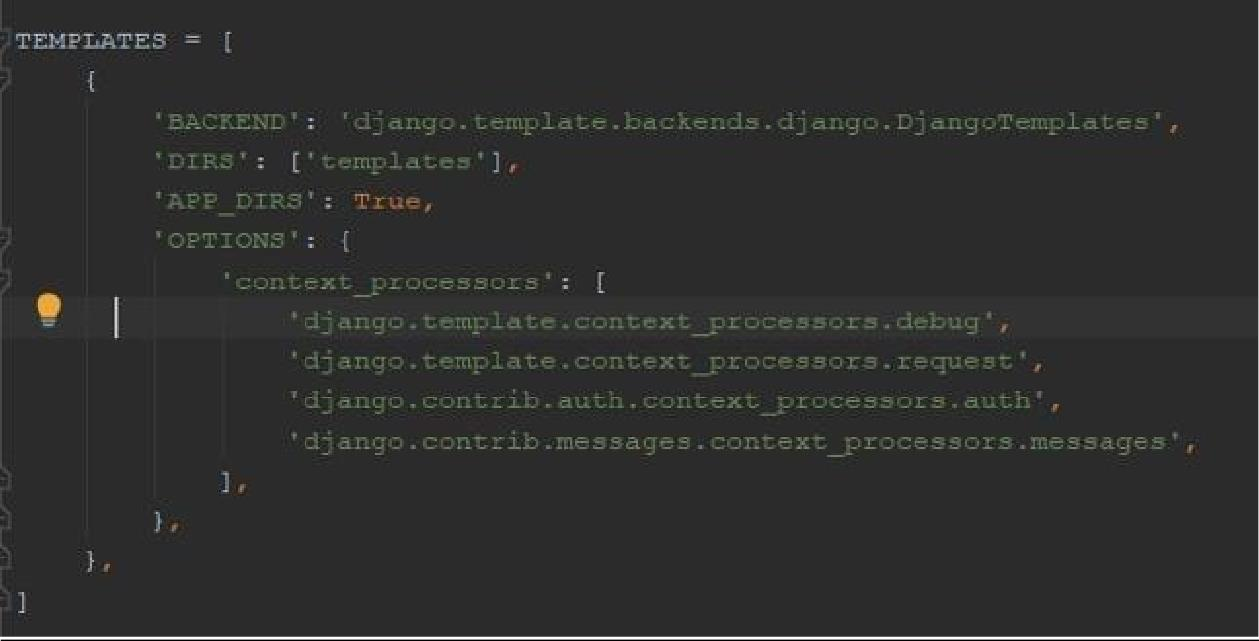
# Practical:13

1.Create Django project name myfirst\_project and open pycharm



Step:2 create a template and config the settings.py file





**Step:3config urls.py file and create 4 url from** from django.contribimportadmin from django.urlsimportpath from

.import views urlpatterns = [ path('admin/', admin.site.urls), path('',views.index,name='index'),

path('about',views.about,name='about'), path('passgen',views.passgen,name='passgen'), path('pass1',views.pass1,name='pass1'), ]

**Step:4 In template create index.html file**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8"><title>Title</title>

</head> <body><script> function

randomPassword(length) { var chars =

"abcdefghijklmnopqrstuvwxyz!@#$ABCDEFGHIJKLMNOP1234567

890"; var pass = ""; for (var x = 0; x < length; x++)

{ vari = Math.floor(Math.random() \* chars.length); pass += chars.charAt(i);

}

return pass; } function generate() {

myform.row\_password.value =

randomPassword(myform.length.value); } </script>

<form name="myform" method="post" action=""><input type="hidden" name="length" value="10"> <table width="100%" border="0">

<tr>

<td>Password:</td>

<td>

<input name="row\_password" type="text" size="40">&nbsp;

<input type="button" class="button" value="Generate" onClick="generate();" tabindex="2"> </td>

</tr>

</table>

</form>

</body>

</html>

## Step:5 create password.html

<!DOCTYPEhtml>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Title</title>

</head>

<body>

<h1>Password Generator</h1><br>

auto generated password is : {{ password }}<br><br>

</body>

</html>

**Step:6 create views.py file**

fromdjango.httpimportHttpResponsefrom django.shortcutsimportrender

import random defindex(request): return HttpResponse('''<h1><font color='red'>My First Django

Project!!!</font></h1>

<h2><a href="http://127.0.0.1:8000/about">About me</a><br>

<a href="http://127.0.0.1:8000/pass1">Password Generator</a><br>

<a href="http://127.0.0.1:8000/passgen">Password Generator using HTML</a><br>

<br>18012011024</h2>''')

# return render(request,'index.html') defabout(request):

return HttpResponse("hello <br>I am a student developer of UVPCE Ganpat University<br>My enrollment number:18012011024") defpassgen(request):

return render(request, 'index.html') defpass1(request): characters = list('abcdefghijklmnopqrstuvwxyz') if request.GET.get('uppercase'):

characters.extend(list('ABCDEFGHIJKLMNOPQRSTUVWXYZ')) if request.GET.get('specialcharacters'):

characters.extend(list('!@#$%^&\*')) if request.GET.get('numbers'): characters.extend(list('0123')) length = int(request.GET.get('length',

12)) thepassword = '' for x in range(length): thepassword += random.choice(characters) return render(request,'password.html',{'password':

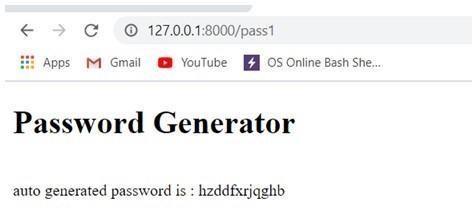
thepassword})

• **Output:**

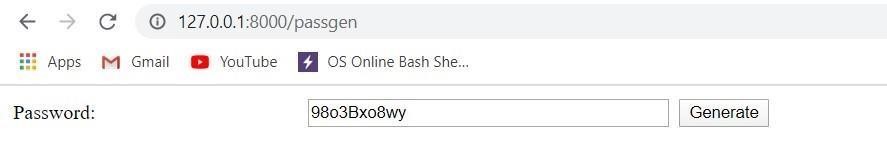
## Run the application it’s show index page



## Now click on password generator link



## Now click on HTML password generator link



## Now click on About me link

