**1.Why Django should be used for web-development? Explain how you can create a project in Django?**

**Ans:-** Django is a fast and simple framework that helps to save development time and therefore increase the overall cost-effectiveness of the project.

Project: python -m venv myvenv

Myvenv\Scripts\Activate

Pip install Django

Django-admin startproject (Project name)

**2. How to check installed version of django?**

**Ans:-** Check installed version of Django is **“ python -m Django –version ”**.

**3. Explain what does django-admin.py make messages command is used for?**

**Ans:-** When you internationalize a Django project, you prepare it to be translated into different languages. This command is part of the process for extracting translatable strings from your Django project's code and templates.

**“Django-admin.py makemessages”**

**4.What is Django URLs?make program to create django urls**

**Ans:-**  In Django a URL is a unique string that represents a specific resources or action on a web application.

from django.urls import path

from . import views

urlpatterns = [

path('',views.index,name='index'),

path('about/',views.about,name='about'),

path('shop/',views.shop,name='shop'),

path('contact/',views.contact,name='contact'),

path('signup/',views.signup,name='signup'),

path('login/',views.login,name='login'),

path('logout/',views.logout,name='logout'),

]

**5.What is a QuerySet?Write program to create a new Post object in database:**

**Ans:-** Queryset is a collection of objects from your database.

from django.db import models

class Post(models.Model):

fname=models.CharField(max\_length=100)

lname=models.CharField(max\_length=100)

mobile=models.PositiveIntegerField()

email=models.EmailField()

address=models.TextField()

password=models.CharField(max\_length=100)

profile\_picture=models.ImageField(upload\_to="profile\_picture/")

usertype=models.CharField(max\_length=100,default="buyer")

def \_\_str\_\_(self):

return self.fname+" "+self.lname

python manage.py makemigratios

python manage.py migrate

python manage.py runserver

**6.Mention what command line can be used to load data into Django?**

**Ans:-** To Load Data into Django you have to use the command line **“ Django-admin.py loaddata ”.**