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

ANS: Django is a high-level Python web framework that enables rapid development of secure and maintainable websites.

Django is the best framework for web applications, as it allows developers to use modules for faster development.

As a developer, you can make use of these modules to create apps, websites from an existing source.

It speeds up the development process greatly, as you do not have to code everything from scratch.

To create the project:

1. Open a command shell (or a terminal window), and make sure you are in your virtual environment.

1. Navigate to where you want to store your Django apps (make it somewhere easy to find like inside your *Documents* folder), and create a folder for your new website (in this case: *Django project*). Then change into your newly-created directory.
2. Create the new project using the djando-admin startproject command, and then change into the project folder.

2) How to check installed version of django?

ANS: (1.) Open the project directory in your code editor.

(2.) Open the file “manage.py” in the project directory.

(3.) Look for the line “import django” at the top of the file.

(4.) Below this line, add the following code:

print(django.get\_version())

(5.) Save the file and run the command “python manage.py” in the terminal.

(6.) The Django version will be displayed in the terminal output.

Another way to check if Django is installed in your system is :

Open cmd and type Django-admin –version

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

ANS: Django-admin is Django’s command-line utility of administrative tasks.

Django-admin --version

Run django-admin version to display the current Django version.

Django-admin help

Run Django-admin help –commands to display a list of all available commands.

Django-admin startproject

Run Django-admin startproject and project name to start your project.

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

ANS: Every page on the Internet needs its own URL.

This way your application knows what it should show to a user who opens that URL.

In Django, we use something called URLconf (URL configuration).

URLconf is a set of patterns that Django will try to match the requested URL to find the correct view.

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

ANS: A QuerySet is a collection of data from a database.

A QuerySet is built up as a list of objects.

QuerySets makes it easier to get the data you actually need, by allowing you to filter and order the data at an early stage.

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

ANS: