Module-5(DB and python framework)

1: Why Django should be used for web-development? Explain how you

can create a project in Django?

--> django is a one type frame work it is easy to understand and with the use of django it compleates more

than 50% devlopment . it is also make admin side and also make 1 to more than project. localhost:8000

is django code.

how create project:-

1. create virtual enviroment=python -m venv myenv

2. activate virtual enviroment = myenv\Scripts\activate

3. install django = pip install django

4. check django version

5. dajngo start project

6. python manage.py startproject myproject

7. python manage.py createsuperuser

8. python manage.py makemigrations

9. python manage.py migrate

2 :How to check installed version of django?

--> "django --version"

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

--> run over the entire source tree of the current direction and puls out all strings marked

for translation.it cretates a message file in the location.

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

--> Django app urls.py: First, a urls.py file needs to be created within the application. Each project in Django

should maintain its own urls.py file for every application.

This ensures effortless inclusion and exclusion of applications from the project.

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

--> 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?

--> To load data into Django you have to use the command line Django-admin.py loaddata. The command line will

searches the data and loads the contents of the named fixtures into the database.

7: Explain what does django-admin.py make messages command is used for?

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