**SOME POWERFUL PROMTS :**

**Problem solving prompts:**

**1.I’m facing [describe problem clearly].**

**Explain possible causes, suggest multiple solutions, and show me the pros/cons of each.**

**Also, give me the simplest one to try first.**

**2.Act like a problem-solving mentor.**

**Ask me clarifying questions one by one, then help me narrow down the root cause.**

**Don’t jump to the answer immediately.**

**Learning prompts:**

**Explain [concept/topic] to me like I’m a beginner.**

**Then gradually increase the depth until I can understand it at an advanced level.**

**Give simple examples at each stage.**

**Compare concept:**

**Compare [concept A] vs [concept B].**

**Explain their similarities, differences, and when to use one over the other.**

**Give real-world examples.**

**Learning by teaching:**

**Ask me questions about [topic].**

**If my answer is wrong or incomplete, correct me and explain why.**

**Then ask a follow-up to deepen my understanding.**

**Debugging prompts:**

**Here is my error: [paste error message/code].**

**Explain what it means in simple words, possible reasons it happens, and step-by-step ways to fix it.**

**Suggest the most common fix first.**

**Code review debugging:**

**Here’s my code: [paste code].**

**Find possible bugs, bad practices, and improvements.**

**Explain why each issue matters and how to fix it.**

**Ask for missing steps:**

**I tried [steps you did]. The result was [error/result].**

**What step might I be missing, or what should I check next?**

**Django common and mostly import :**

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**# Basic HTTP & Rendering**

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**from django.http import HttpResponse # Simple text/html response**

**from django.shortcuts import render # Render template with context**

**from django.shortcuts import redirect # Redirect to another URL/page**

**from django.shortcuts import get\_object\_or\_404 # Fetch object or return 404**

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**# Views**

**# =======================**

**from django.views import View # Base class for class-based views**

**from django.views.generic import ListView, DetailView # Ready-made generic views**

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**# Models & Database**

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**from django.db import models # Define models (tables)**

**from django.db.models import Q # Complex queries (OR, AND)**

**from django.db.models import Count, Sum, Avg # Aggregations**

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**# Forms**

**# =======================**

**from django import forms # Create custom forms**

**from django.forms import ModelForm # Form linked with model**

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**# Authentication & Users**

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**from django.contrib.auth import login, logout, authenticate # Auth functions**

**from django.contrib.auth.decorators import login\_required # Restrict views**

**from django.contrib.auth.mixins import LoginRequiredMixin # Restrict CBVs**

**from django.contrib.auth.models import User # Default User model**

**from django.contrib.auth import get\_user\_model # Custom user model**

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**# Messages (flash alerts)**

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**from django.contrib import messages # Success/error/info messages**

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**# Email**

**# =======================**

**from django.core.mail import send\_mail # Send email**

**from django.conf import settings # Access project settings (EMAIL\_HOST, etc.)**

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**# Static & Media Files**

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**from django.conf import settings # Media/static configuration**

**from django.conf.urls.static import static # Serve media in development**

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**# URL Handling**

**# =======================**

**from django.urls import path # Define URL patterns**

**from django.urls import reverse # Get URL from view name**

**from django.urls import reverse\_lazy # Lazy version (for CBVs)**

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**# Admin**

**# =======================**

**from django.contrib import admin # Register models in admin**