

[-S3BB3BT3]

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-<]reateregistrationpageinhtmlwithusernameOemailandphonenumberandby usingPOSTmethod3displayitinnexthtmlpage<

Register<html

!htmlY

!headY

!titleYRegistrationPage!>titleY

!metahttpxequiv?.JontentxType.content?.text>html:charset?UTzxU.Y

!>headY

!bodyY

!h-YRegistrationPage!>h-Y

!form action?.Register<php.method?.POST.Y

!labelfor?.UserBame.YUserBamef!>labelY

!inputtype?.text.name?.UserBame.Y!br>Y

!br>Y

!labelfor?.jmail.Yjmailf!>labelY

!inputtype?.jmail.name?.jmail.Y!br>Y

!br>Y

!labelfor?.PhoneBumber.YPhoneBumberf!>labelY

!inputtype?.PhoneBumber.name?.PhoneBumber.Y!br>Y

!br>Y

!inputtype?.submit.value?.Register8.Y

```

!>formY

!>bodyY

!>htmlY

Register<php

!$php

echo.Youhave submittedOUserBamef.<
g_POST[pUserBamep]<.Ojmailf.<3
g_POST[pjmailp]<.andPhoneBumberf.<
g_POST[pPhoneBumberp]:

$Y

q<kevelopaflaskprogramwhichshouldcontainatleast"packagesusedfrompypi<org<

importos

importshutil

importpytest

from flaskimportrender_templateOrender_template_stringOrequest
fromjinjaq<exceptionsimportTemplateBotzound
from jinjaq<sandboximportSecurityjrror
fromwerkzeug<testimport]lient
from ]Tzd<configimportTesting]onfig
from ]Tzd<utilsimportget_configOset_config
from tests<helpersimportcreate_ctfdOdestroy_ctfdOgen_userOlogin_as_user
deftest_themes_run_in_sandboxhwf
    app?create_ctfdhfw
    withapp<app_contexthfw
        tryf
            app<jinja_env<from_stringh
                .{ {hfw<class<bases3_3B/]<subclasses333Bhw[=/]hp<test_utils<pyppw<readhfw}}.

```

w<renderhw

```

except SecurityError:
    pass
except Exception as e:
    raise e

def test_themes_cant_access_config_py_attributes_hwf:
    app = create_ctfd_hwf
    with app.app_context_hwf:
        assert app.config['SECRET_KEY'] == 'a' * 32
        assert isinstance(app.config['SECRET_KEY'], str)

        app.jinja_env.from_string('{{ get_config_hpw[SECRET_KEY] }}').render_hwf

CC<<<sourcefileabbreviatedtogettozlaskeexamples<<<

    r = client.get_hpw.challenges_hwf

    assert r.status_code == 200

    assert len(challenges_inr.get_data_hpw_text) == 1

    r = client.get_hpw.scoreboard_hwf

    assert r.status_code == 200

    assert Scoreboard_inr.get_data_hpw_text == 1

def test_that_request_path_hijacking_works_properly_hwf:
    app = create_ctfd_hwf
    setup = False
    application_root = app.config['APPLICATION_ROOT']

    assert app.request_class == 'flask.wrappers.Request'

    with app.app_context_hwf:
        with app.test_request_context_hpw:
            assert request.path == application_root

    destroy_ctfd_hpw

```

```

app?create_ctfdhww
assertapp<request_class<name03333333?.]TzdRequest.
withapp<app_contextthwf
    withapp<test_request_contextth.>challenges.wf
        assertrequest<path??.>challenges.
from flaskimportzlask
test_app?zlaskh.test.w
asserttest_app<request_class<name03333333?.Request.
withtest_app<test_request_contextth.>challenges.wf
    assertrequest<path??.>challenges.
destroy_ctfdhappw
def test_theme_fallback_confighwwf
    classThemezallback]onfighTesting]onfigwf
        T)jLj_z[##'[]}?zalse
    app?create_ctfdhconfig?Themezallback]onfigw
    tryf
        os<makedirs<path<joinhapp<root_pathO.themes.O.foo_fallback.ww
    exceptOSjrrorf
        pass
    withapp<app_contextthwf
        app<config[.T)jLj_z[##'[]].]?zalse
        set_configh.ctf_theme.O.foo_fallback.w
        assertapp<config[.T)jLj_z[##'[]].]?zalse
        withapp<test_clientthwasclientf
            tryf
                r?client<geth.>.w

```