

Instruction 2:

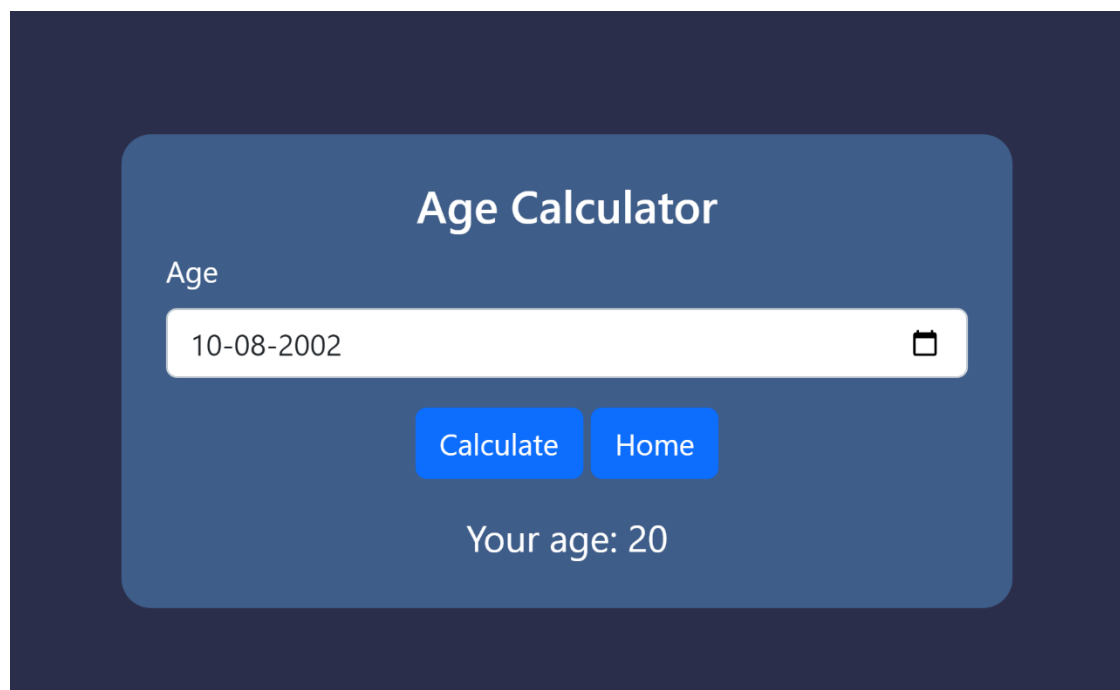
Develop a flask program which should contain at least 5 packages used from pypi.org.

Output:

1. Flask

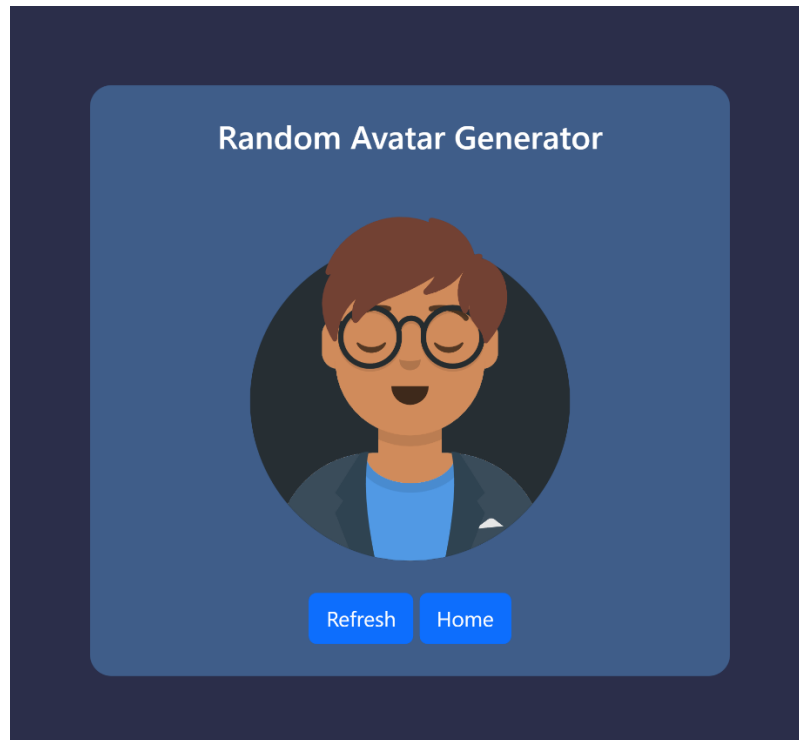
```
1  from flask import Flask, render_template, request
2  import requests
3  from email_validator import validate_email, EmailNotValidError
4  import python_avatars as pa
5  from dateutil import parser, relativedelta
6  from datetime import date
```

2. Age Calculator

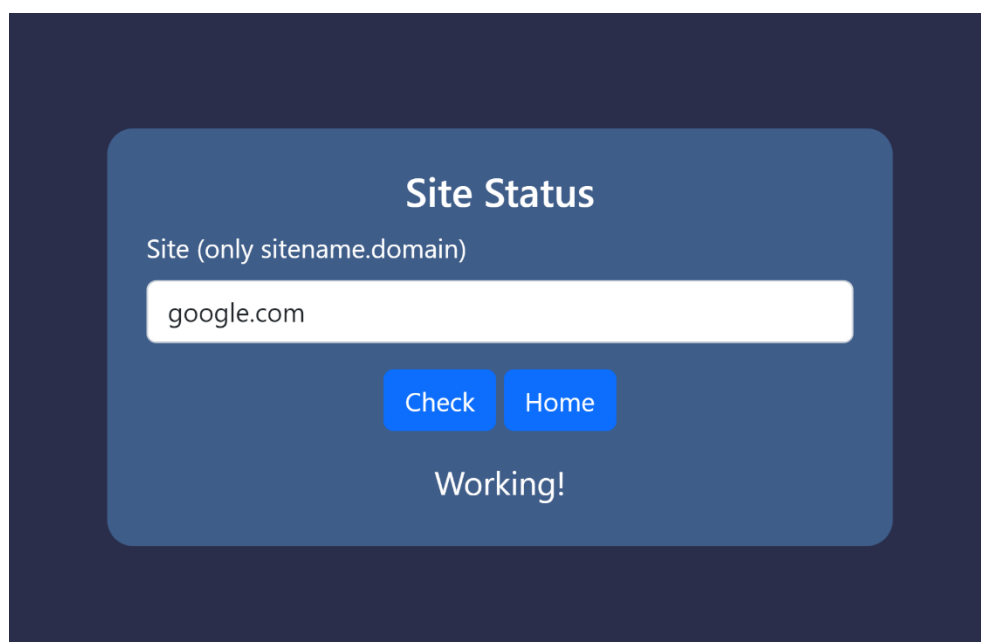


The screenshot shows a web application titled "Age Calculator" on a dark blue background. The calculator is contained within a lighter blue rounded rectangle. It features a label "Age" above a white input field containing the date "10-08-2002". To the right of the input field is a small calendar icon. Below the input field are two blue buttons: "Calculate" and "Home". At the bottom of the calculator, the text "Your age: 20" is displayed.

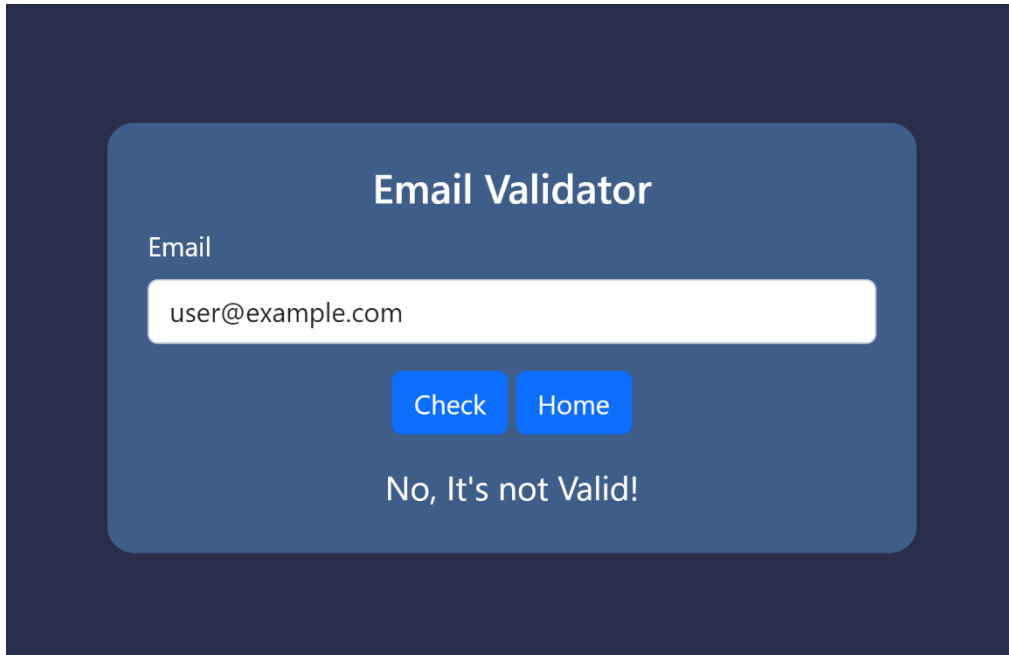
3. Random Avator Generator



4. Site Working Status



5. Email Validator

A screenshot of a web application titled "Email Validator". The interface is set against a dark blue background. A central, rounded rectangle in a medium blue color contains the form. At the top of this rectangle is the title "Email Validator" in white. Below the title is the label "Email" in white. Underneath the label is a white text input field containing the text "user@example.com". Below the input field are two blue buttons with white text: "Check" and "Home". At the bottom of the rounded rectangle, the text "No, It's not Valid!" is displayed in white.

Email Validator

Email

user@example.com

Check Home

No, It's not Valid!