

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

- File Explorer:** Shows a project structure for "HEMATAVISION" containing files like "app.py", "archive.zip", "Blood Cell.h5", and "BloodCellClassifier.ipynb".
- Code Editor:** Displays the content of "app.py":

```
1  from flask import Flask, request, render_template, redirect
2  import os
3  import numpy as np
4  import cv2
5  import base64
6  from tensorflow.keras.models import load_model
7  from tensorflow.keras.applications.mobilenet_v2 import preprocess_input
8
9  app = Flask(__name__)
10 model = load_model("Blood Cell.h5")
11
12 class_labels = ['eosinophil', 'lymphocyte', 'monocyte', 'neutrophil']
13
```

- Terminal:** Shows logs from a Flask application running on port 5000. The logs include:

 - TensorFlow compilation warning: "WARNING:absl:Compiled the loaded model, but the compiled metrics have yet to be built. `model.compile_metrics` will be empty until you train or evaluate the model."
 - * Serving Flask app 'app'
 - * Debug mode: on
 - INFO:werkzeug: This is a development server. Do not use it in a production deployment.
 - Use a production WSGI server instead.
 - * Running on http://127.0.0.1:5000
 - INFO:werkzeug: Press CTRL+C to quit
 - INFO:werkzeug: * Restarting with stat
 - 2026-02-09 23:55:45.266790: I tensorflow/core/util/port.cc:153] oneDNN custom operations are on. You may

- Bottom Status Bar:** Shows system information including weather (23°C), battery level (23%), and system time (11:55 PM, 2/9/2026).

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Welcome to the HematoVision

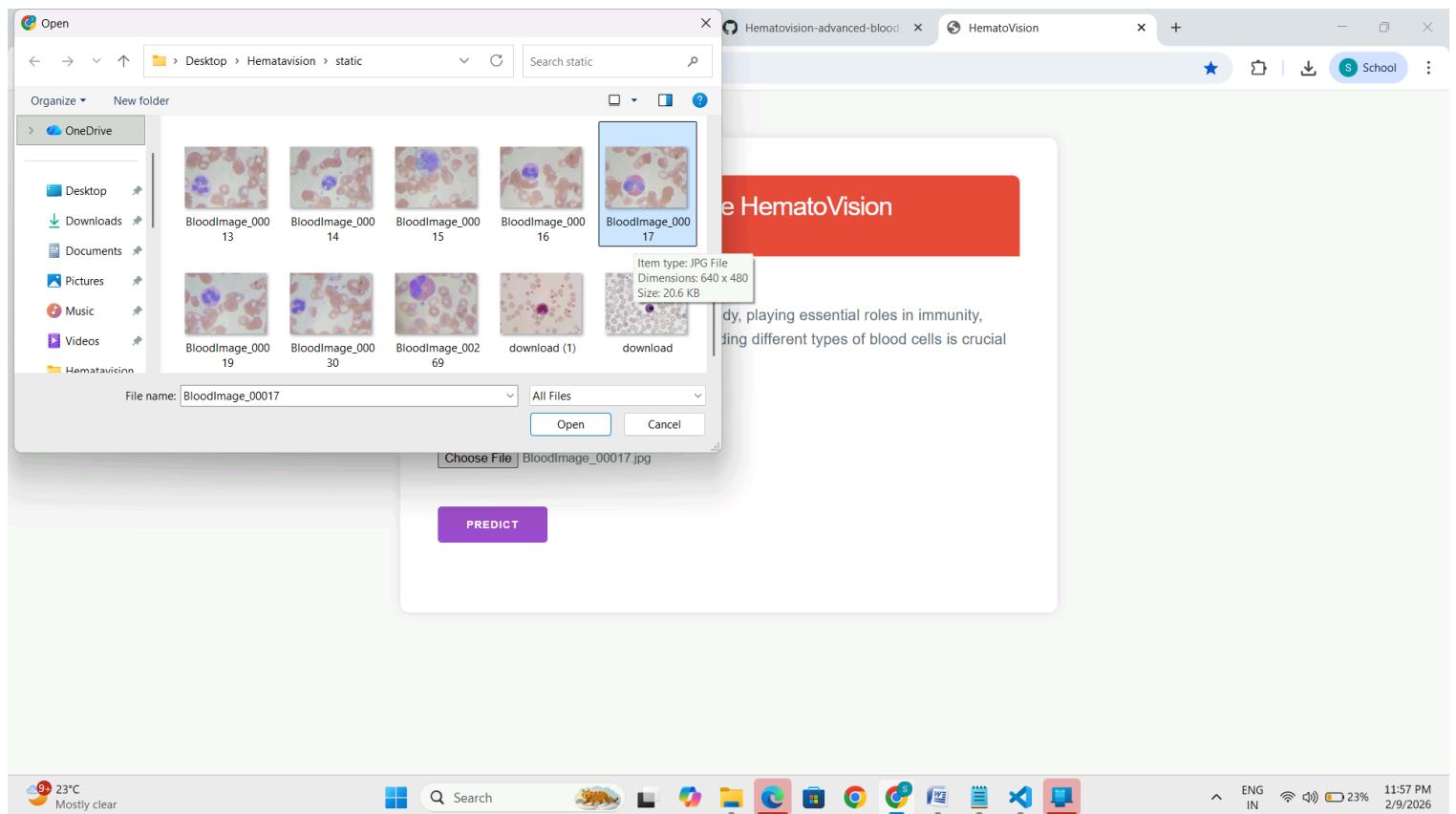
About Blood Cells

Blood cells are vital components of our body, playing essential roles in immunity, oxygen transport, and clotting. Understanding different types of blood cells is crucial for diagnosing various medical conditions.

Predict Blood Cell Type

No file chosen

9 23°C Mostly clear Search    ENG IN 11:56 PM 2/9/2026



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BloodImage_00017.jpg

9 23°C Mostly clear Search 11:57 PM 2/9/2026 ENG IN 23%

