

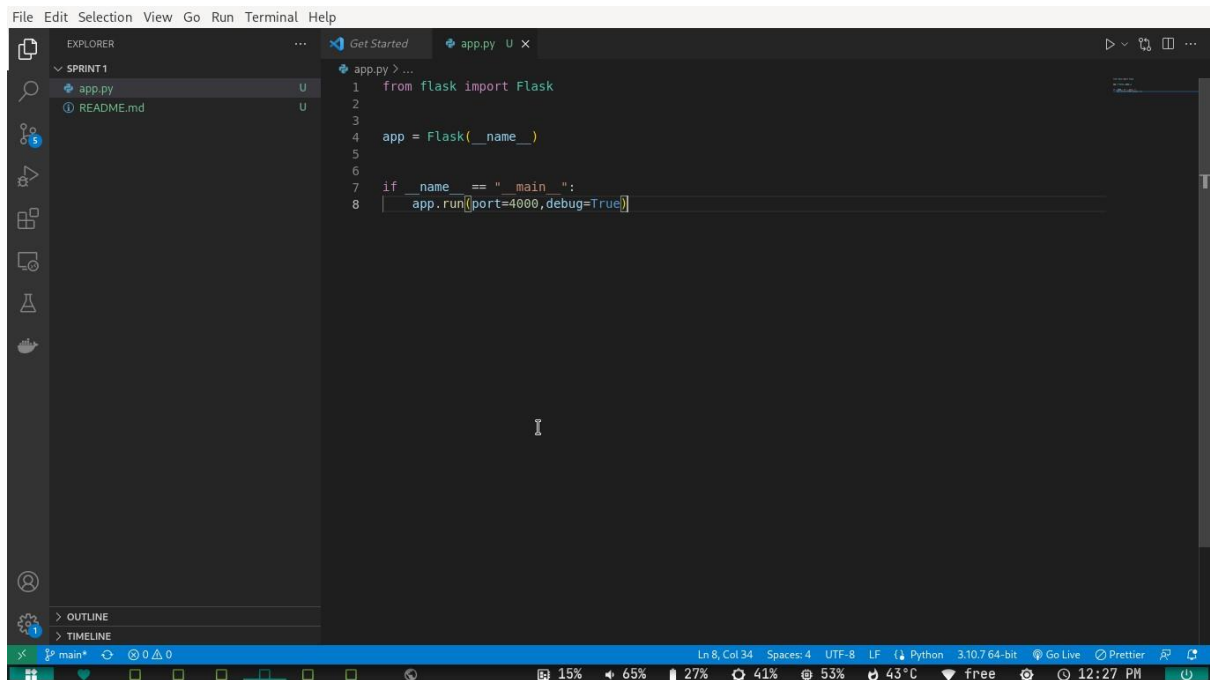
Project Development Phase

Sprint – 1 Report

Date	28 October 2022
Team ID	PNT2022TMID01706
Project Name	Personal Expense Tracker Application

1. Flask – done

Installation and working

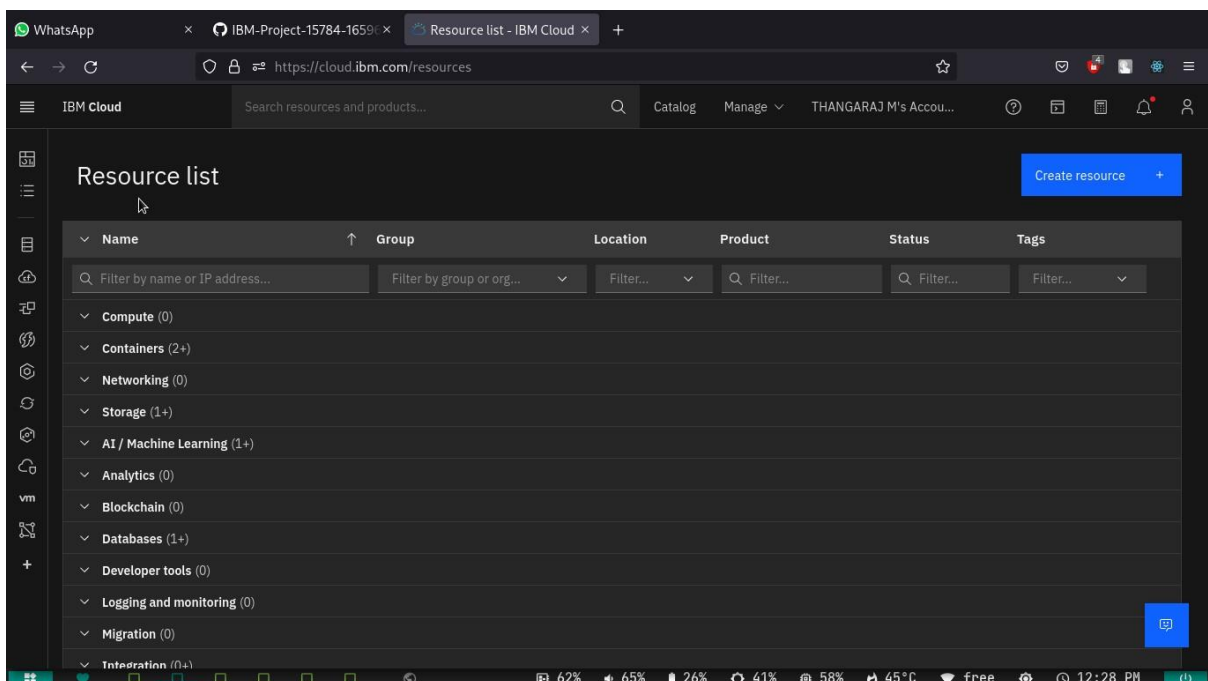


The screenshot shows a code editor with a dark theme. The Explorer panel on the left shows a project structure with a folder named 'SPRINT 1' containing 'app.py' and 'README.md'. The main editor area shows the following Python code in 'app.py':

```
1 from flask import Flask
2
3
4 app = Flask(__name__)
5
6
7 if __name__ == "__main__":
8     app.run(port=4000, debug=True)
```

The status bar at the bottom indicates the file is 'Ln 8, Col 34', uses 'UTF-8' encoding, and is a 'Python 3.10.7 64-bit' file. The system tray shows various icons including network, battery, and temperature.

IBM cloud account created



CLI installed

```
target      Set or view the targeted region, account, resource group, org or space
update      Update CLI to the latest version
version      Print the version
help, h      Show help

Enter 'ibmcloud help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
darkshadow+ ~ -> ibmcloud | head -30
NAME:
  ibmcloud -- A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] ibmcloud [global options] command [arguments...] [command options]

VERSION:
  2.10.0+e37e09e-2022-08-24T17:31:27+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  app          [Deprecated] Manage Cloud Foundry applications and application related domains and routes.
  billing      Retrieve usage and billing information
  catalog      Manage catalog
  cf           Run Cloud Foundry CLI with IBM Cloud CLI context
  config       Write default values to the config
  cr           Manage IBM Cloud Container Registry content and configuration.
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  ks, cs, oc   Manage Kubernetes and OpenShift clusters in IBM Cloud. Aliases include 'ibmcloud oc'.
  login       Log user in
  logout       Log user out
  ob           Manage logging and monitoring configurations for IBM Cloud Kubernetes Service clusters.
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  sat          Manage IBM Cloud Satellite clusters.

darkshadow+ ~ ->
0 dark 0 > Sprint 1 1 > python-flask--personal-expense-tracker 2 dark
12% 65% 24% 41% 56% 42°C free 12:31 PM
```

Docker Installed

```
darkshadow+ ~ -> docker --help | head -30

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default "/home/dark/.docker")
  -c, --context string  Name of the context to use to connect to the daemon (overrides DOCKER_HOST env var and default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level ("debug"|"info"|"warn"|"error"|"fatal") (default "info")
  --tls               Use TLS; implied by --tlsverify
  --tlscacert string   Trust certs signed only by this CA (default "/home/dark/.docker/ca.pem")
  --tlscert string     Path to TLS certificate file (default "/home/dark/.docker/cert.pem")
  --tlskey string      Path to TLS key file (default "/home/dark/.docker/key.pem")
  --tlsverify          Use TLS and verify the remote
  -v, --version        Print version information and quit

Management Commands:
  builder      Manage builds
  compose*     Docker Compose (Docker Inc., 2.11.1)
  config       Manage Docker configs
  container    Manage containers
  context      Manage contexts
  image        Manage images
  manifest     Manage Docker image manifests and manifest lists
  network      Manage networks
  node         Manage Swarm nodes
  plugin       Manage plugins
darkshadow+ ~ ->
```