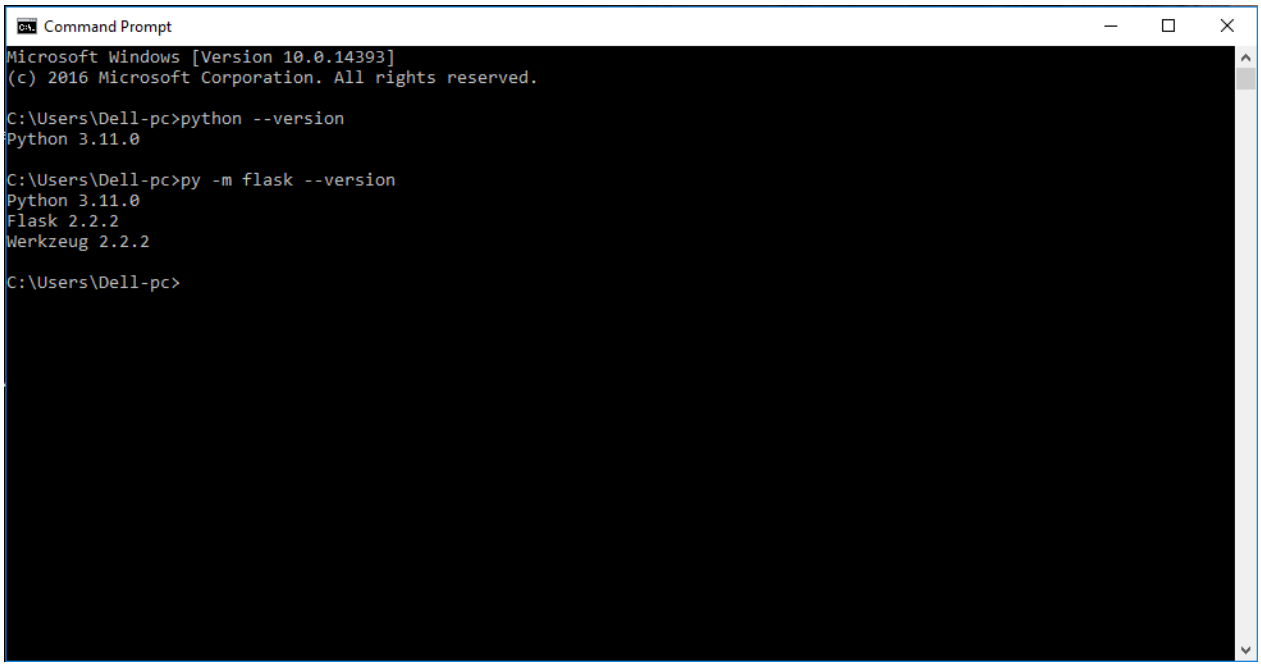
Project Name:	Plasma Donor Application
Team ID:	PNT2022TMID15493

INSTALLATION OF PYTHON AND FLASK



FLASK PROJECT

App.py code:

```
from flask import Flask,render_template

app = Flask(__name__)

@app.route("/")
def index():
    return render_template("index.html")

if_name_=='_main_':
    app.run(debug=True)
```

index.html :

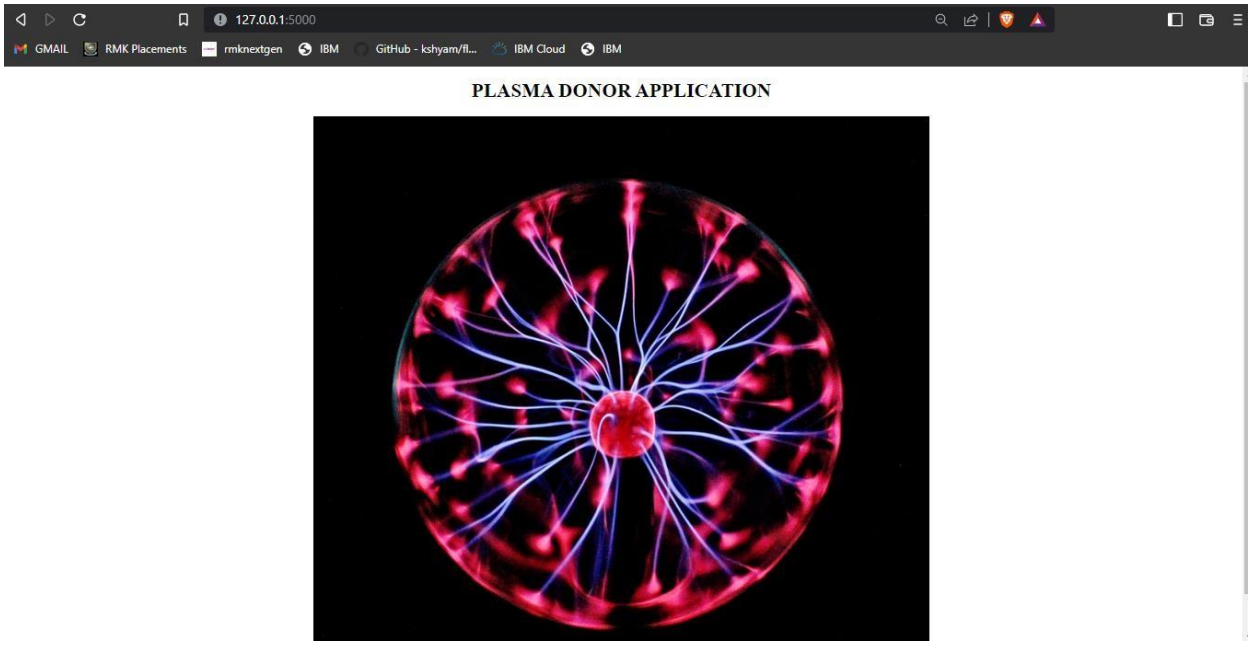
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel='stylesheet' href="{{url_for('static',filename='css/style.css')}}">
</head>
<body>
    <h1>PLASMA DONOR APPLICATION</h1>
    <img src="{{url_for('static',filename='images/peakpx.jpg')}}" class="center">


</body>
</html>
```

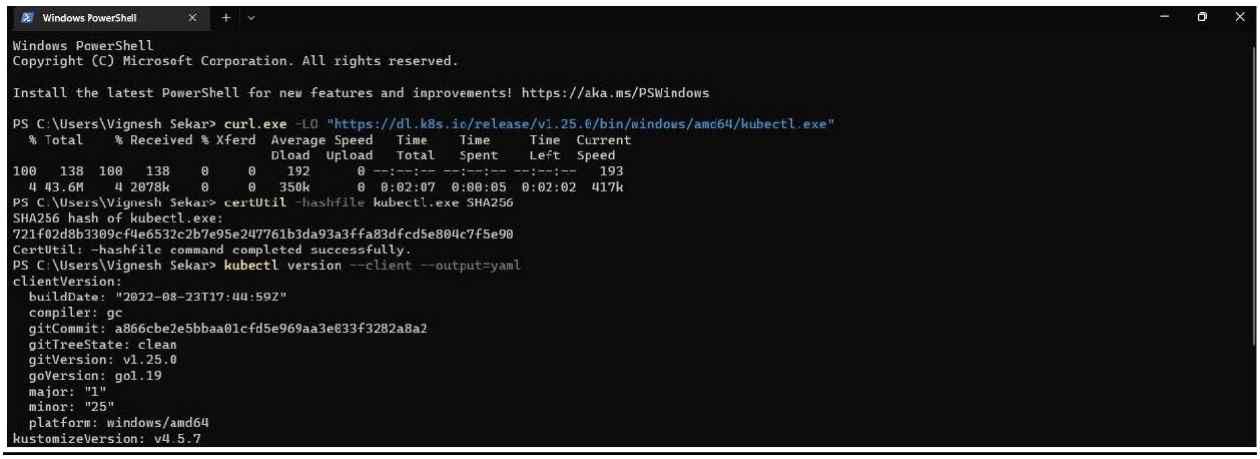
Style.css :

```
html,body{
    background-color: white;
}
h1{
    text-align: center;
}
.center {
    display:grid;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
  }
```

OUTPUT:



IBM CLOUD CLI INSTALLATION:



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Vignesh Sekar> curl.exe -LO "https://dl.k8s.io/release/v1.25.0/bin/windows/amd64/kubectl.exe"
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   138  100   138    0     0    192      0 --:--:-- --:--:-- --:--:--   193
  4 43.6M    4 2078k    0     0   350k      0  0:02:07  0:00:05  0:02:02  417k
PS C:\Users\Vignesh Sekar> certUtil -hashfile kubectl.exe SHA256
SHA256 hash of kubectl.exe:
721f02d8b3309cf4e6532c2b7e95e247761b3da93a3ffa83dfcd5e804c7f5e90
CertUtil: -hashfile command completed successfully.
PS C:\Users\Vignesh Sekar> kubectl version --client --output=yaml
clientVersion:
  buildDate: "2022-08-23T17:44:59Z"
  compiler: gc
  gitCommit: a866cbe2e5bbaa01cfd5e969aa3e033f3282a8a2
  gitTreeState: clean
  gitVersion: v1.25.0
  goVersion: go1.19
  major: "1"
  minor: "25"
  platform: windows/amd64
kustomizeVersion: v4.5.7
```
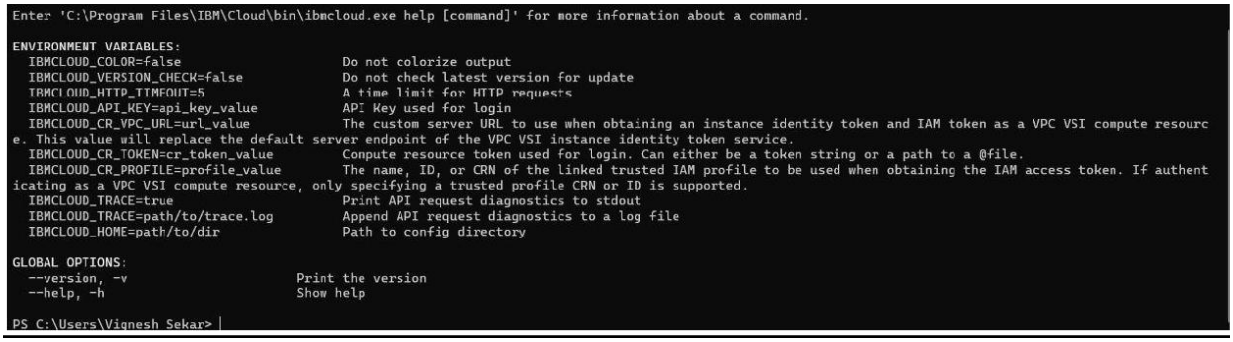
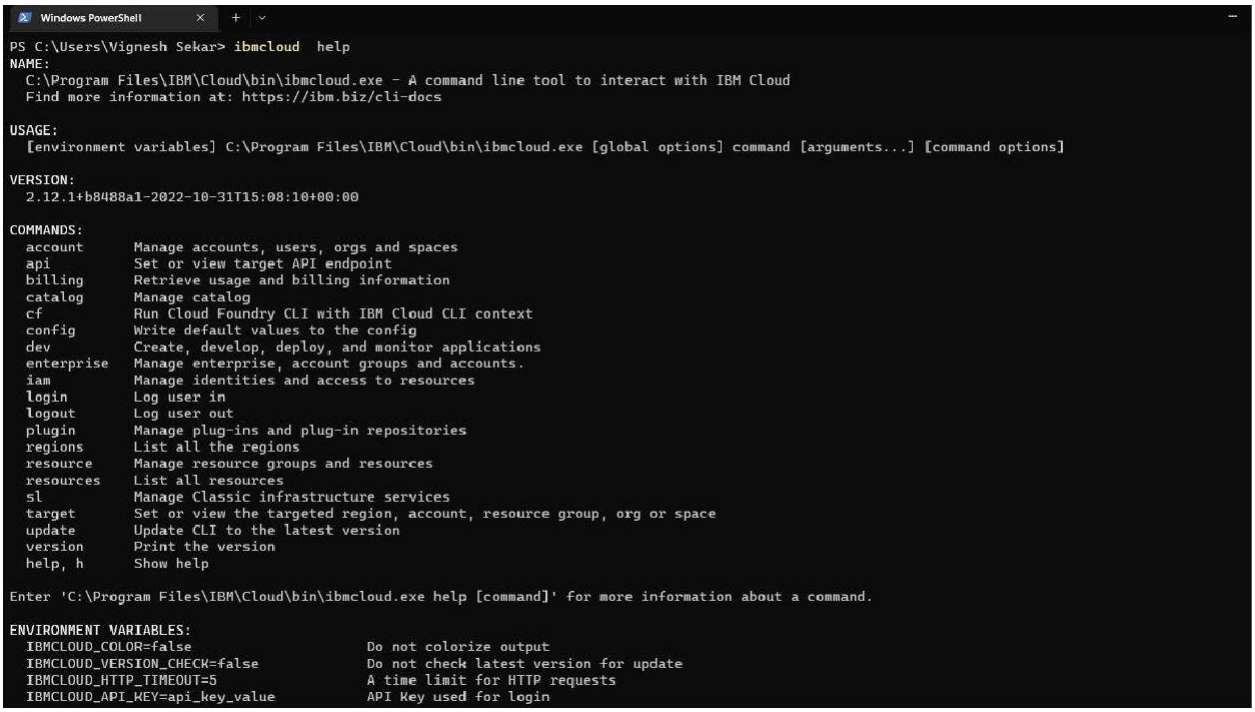
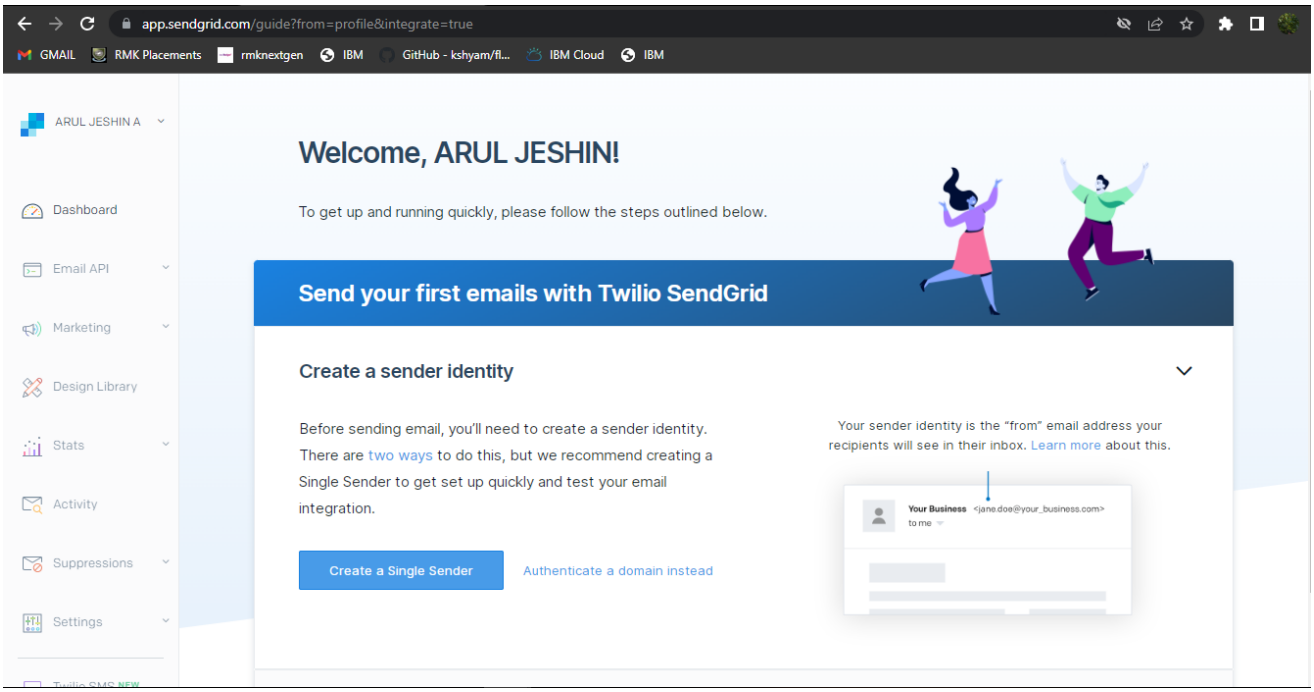
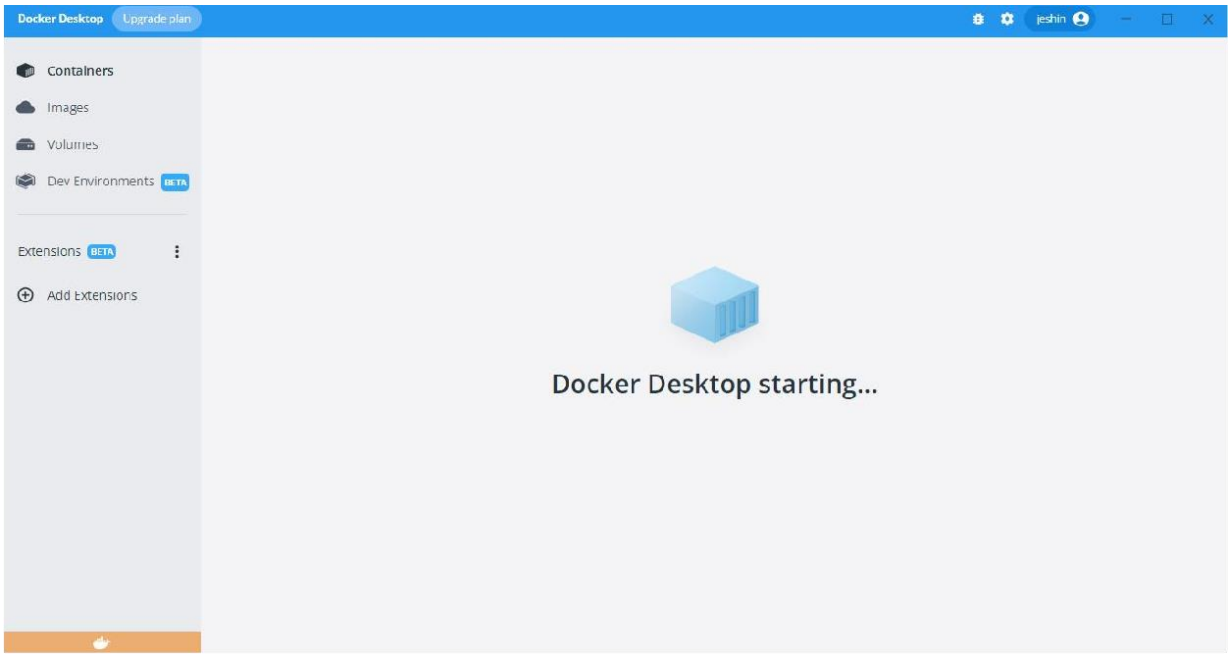



```
Enter 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBMCLOUD_COLOR=false                    Do not colorize output
  IBMCLOUD_VERSION_CHECK=false            Do not check latest version for update
  IBMCLOUD_HTTP_TIMEOUT=5                 A time limit for HTTP requests
  IBMCLOUD_API_KEY=api_key_value          API key used for login
  IBMCLOUD_CR_VPC_URL=url_value           The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resourc
e. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLOUD_CR_TOKEN=cr_token_value        Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLOUD_CR_PROFILE=profile_value       The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authent
icating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
  IBMCLOUD_TRACE=true                     Print API request diagnostics to stdout
  IBMCLOUD_TRACE=path/to/trace.log        Append API request diagnostics to a log file
  IBMCLOUD_HOME=path/to/dir               Path to config directory

GLOBAL OPTIONS:
  --version, -v                   Print the version
  --help, -h                      Show help

PS C:\Users\Vignesh Sekar>
```



```
Windows PowerShell
PS C:\Users\Vignesh Sekar> ibmcloud  help
NAME:
  C:\Program Files\IBM\Cloud\bin\ibmcloud.exe - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] C:\Program Files\IBM\Cloud\bin\ibmcloud.exe [global options] command [arguments...] [command options]

VERSION:
  2.12.1+b8488a1-2022-10-31T15:08:10+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  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
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  resources    List all resources
  sl           Manage Classic infrastructure services
  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 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe help [command]' for more information about a command.

ENVIRONMENT VARIABLES:
  IBMCLOUD_COLOR=false                    Do not colorize output
  IBMCLOUD_VERSION_CHECK=false            Do not check latest version for update
  IBMCLOUD_HTTP_TIMEOUT=5                 A time limit for HTTP requests
  IBMCLOUD_API_KEY=api_key_value          API key used for login
```

CREATE ACCOUNT IN SENDGRID:



DOCKER DESKTOP INSTALLATION: