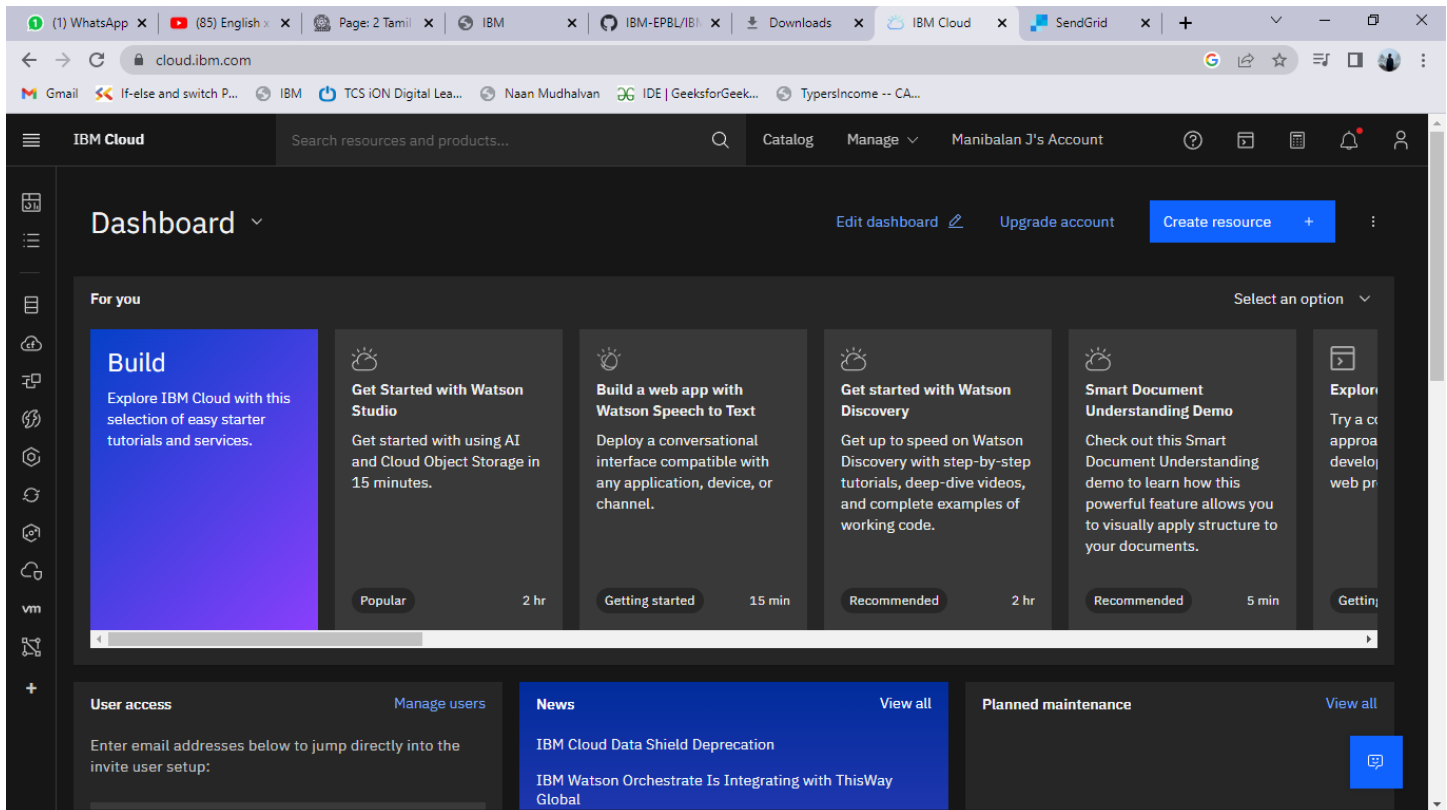# Creating the Flask Project

```python
from flask import *  #imports
app = Flask(__name__)  #Creating Instance for Flask to use easier
cars = {"1":"Ferari","2":"Lamborghini","3":"BMW","4":"Audi","5":"Benz"}   #Dictionary for Operation
#route for insert and view
@app.route("/",methods=['POST','GET'])
def getpost():
    if request.method=='GET':
        return cars
    if request.method=='POST':
        ip = request.json
        cars.update(ip)
        return 'data inserted'
#route for update
@app.route('/<id>',methods=['PUT'])
def put(id):
    ip = request.form['carname']
    cars[str(id)] = ip
    return 'updated successfully'
#route for delete
@app.route("/<id>",methods=['DELETE'])
def dele(id):
    cars.pop(str(id))
    return 'deleted successfully'
#running the app
if __name__ == "__main__":
    app.run(debug=True)
```

Creating Ibm Cloud Account

Installing Ibm Cloud Cli

Command Prompt

Microsoft Windows [Version 10.0.19044.2251]
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C:\Users\mazzm>ibmcloud
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:
   2.12.1+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 'ibmcloud 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 resource. This value will replace the default server endpoint of the VPC VS
I 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 authenticating as a VPC VSI compute resource, only specifying a trusted pro
file 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

Docker Cli installation

Command Prompt

Microsoft Windows [Version 10.0.22000.1219]
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C:\Users\91936>docker

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
      --config string   Location of client config files (default
                           "C:\\Users\\91936\\.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
                           "C:\\Users\\91936\\.docker\\ca.pem")
      --tlscert string   Path to TLS certificate file (default
                           "C:\\Users\\91936\\.docker\\cert.pem")
      --tlskey string   Path to TLS key file (default
                           "C:\\Users\\91936\\.docker\\key.pem")
      --tlsverify   Use TLS and verify the remote
  -v, --version   Print version information and quit

Management Commands:
  builder   Manage builds
  buildx*   Docker Buildx (Docker Inc., v0.9.1)
  compose*   Docker Compose (Docker Inc., v2.12.1)
  config   Manage Docker configs
  container   Manage containers
  context   Manage contexts
  dev*   Docker Dev Environments (Docker Inc., v0.0.3)
  extension* Manages Docker extensions (Docker Inc., v0.2.13)
  image   Manage images
  manifest   Manage Docker image manifests and manifest lists
  network   Manage networks
  node   Manage Swarm nodes
  plugin   Manage plugins
  sbom*   View the packaged-based Software Bill Of Materials (SBOM) for an image (Anchore Inc., 0.6.0)
  scan*   Docker Scan (Docker Inc., v0.21.0)
  secret   Manage Docker secrets
  service   Manage services
  stack   Manage Docker stacks

sendgrid account creation screen