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)
```
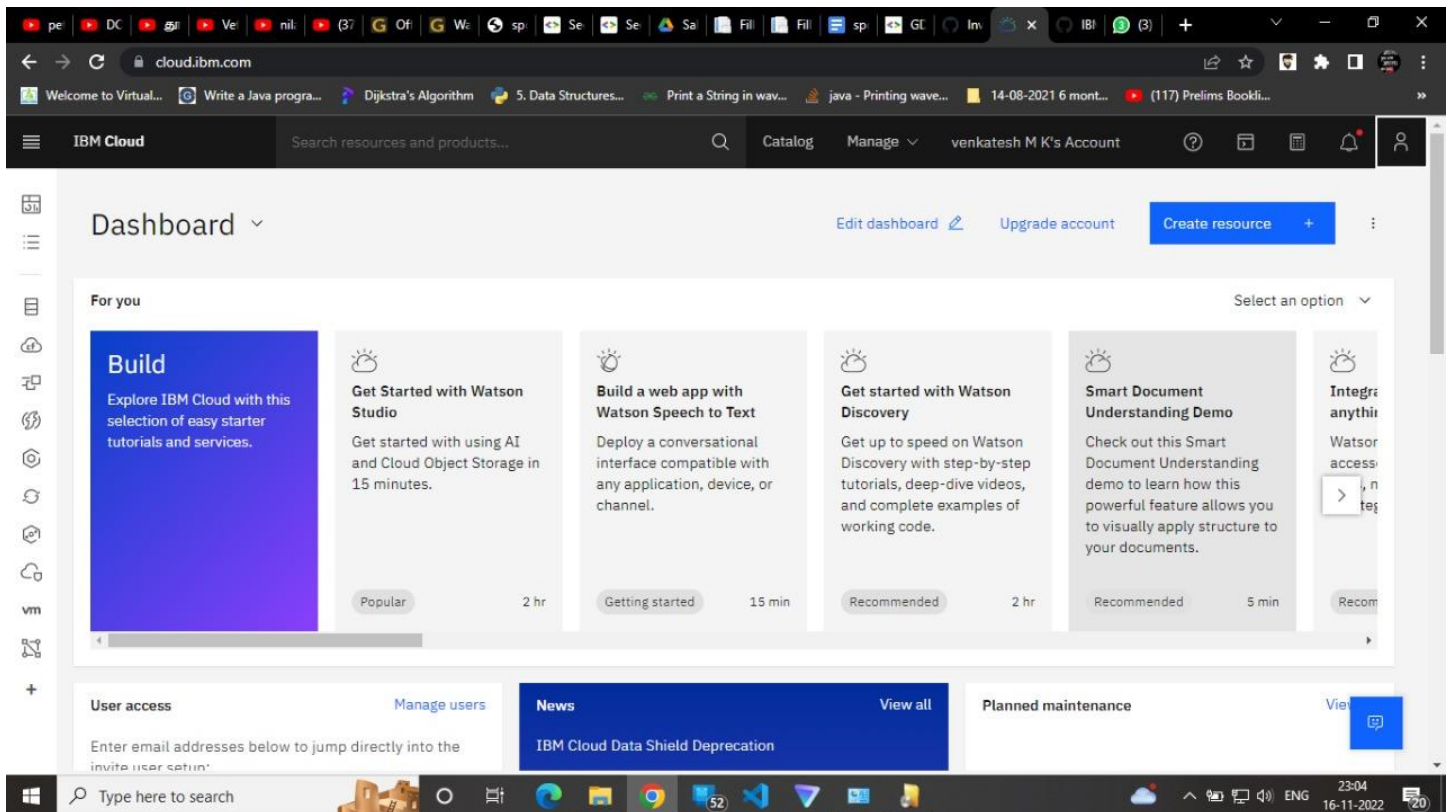
Creating Ibm Cloud Account

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