**FOR STATIC WEBSITE USING ONLY HTML ALONGWITH AUTOMATIC UPDATION USING SURGE**

1. Install node JS
2. npm install –g surge (run command)
3. surge (run command)
4. change the name of your website and enter.

Website will be published on your given link.

For auto updation of the same through github,

1. git actions – setup workflow yourself
2. following will be the code

|  |
| --- |
| # This is a basic workflow to help you get started with Actions |
|  |  |
|  | name: Bootcamp2020 |
|  |  |
|  | # Controls when the action will run. Triggers the workflow on push or pull request |
|  | # events but only for the master branch |
|  | on: |
|  | push: |
|  | branches: [ master ] |
|  |  |
|  |  |
|  | # A workflow run is made up of one or more jobs that can run sequentially or in parallel |
|  | jobs: |
|  | # This workflow contains a single job called "build" |
|  | build: |
|  | # The type of runner that the job will run on |
|  | runs-on: ubuntu-latest |
|  |  |
|  | # Steps represent a sequence of tasks that will be executed as part of the job |
|  | steps: |
|  | # Checks-out your repository under $GITHUB\_WORKSPACE, so your job can access it |
|  | - uses: actions/checkout@v2 |
|  |  |
|  | # Runs a single command using the runners shell |
|  | - name: Node Installation |
|  | uses: actions/setup-node@v2-beta |
|  | with: |
|  | node-version: 12 |
|  |  |
|  | # Runs a set of commands using the runners shell |
|  | - name: Installing Surge |
|  | run: npm install --global surge |
|  | - name: Auto deployment using surge |
|  | run: surge ./ bootcamp2020\_junaidriaz.surge.sh --token ${{ secrets.token }} |

Note: generate token using (surge token) command in cmd. And hide the token in secrets.

**FOR CREATING REACT APP AND DEPLOYING IT AUTOMATICALLY**

1. After installation of node js, run following command

npm install --g create-react-app

1. Create-react-app bootcamp2020 - (bootcamp2020 is folder name)
2. Cd bootcamp2020
3. npm start
4. npm run build

create repository and push changes

create github action file

1. git actions – setup workflow yourself
2. following will be the code