Next.js - Imperative Routing

In Next.js, so far we are using Link react component to navigate from one page to other. There is a programmatic way as well to achive the same using Router component. Generally Router component is used with html tags.

Update index.js file in pages directory as following.

```
import Router from 'next/router'
import Head from 'next/head'

function HomePage(props) {
    return (
        <>
            <Head>
                <title>Welcome to Next.js!</title>
            </Head>
            <div>Welcome to Next.js!</div>
            <span onClick={() => Router.push('/posts/one')}>First Post</span>
            <br/>
            <div>Next stars: {props.stars}</div>
            <img src="/logo.png" alt="TutorialsPoint Logo" />
        </>
    )
}

export async function getServerSideProps(context) {
    const res = await fetch('https://api.github.com/repos/vercel/next.js')
    const json = await res.json()
    return {
        props: { stars: json.stargazers_count }
    }
}

export default HomePage
```

Start Next.js Server
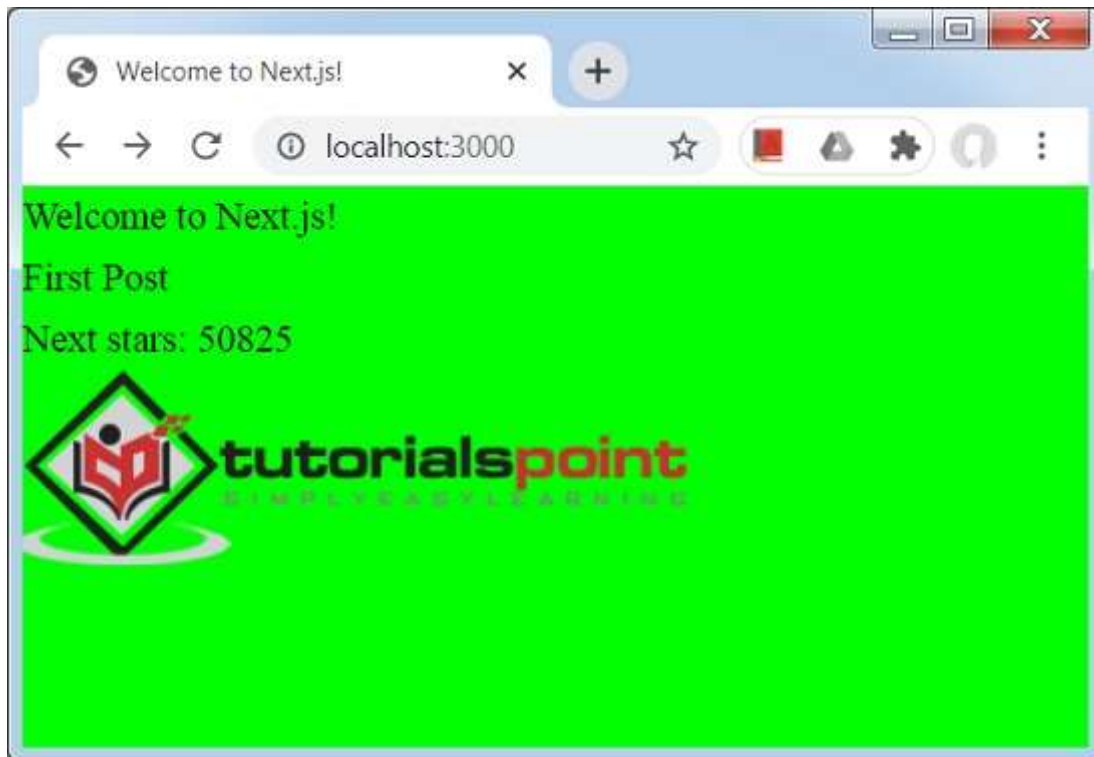
Run the following command to start the server −.

```
npm run dev
> nextjs@1.0.0 dev \Node\nextjs
```

```
> next

ready - started server on http://localhost:3000
event - compiled successfully
event - build page: /
wait  - compiling...
event - compiled successfully
event - build page: /next/dist/pages/_error
wait  - compiling...
event - compiled successfully
```

Verify Output

Open localhost:3000 in a browser and you will see the following output.

Click on First post which is not a link but is clickable.

My First Post

Home

Next stars: 50599