

```

import React  {useState}  from 'react'

export default function Helloworld

  const [img, setimg] =useState ""

  const [loading, setloading] =useState false

  const [qrdata, setqrdata] =useState ""

  const [qrsz, setqrsz] =useState ""

  async function generate

    setloading true

    try

const url=`https://api.qrserver.com/v1/create-qr-code/?size=${qrsz}x${qrsz}&data=${encodeURIComponent qrdata }`

    setimg url

    catch error

      console.error "Error generating QR code" error

    finally

      setloading false

  function download

    fetch img then  response =>response blob then  blob => const link=document.createElement "a"

    link href=URL.createObjectURL blob

    link download="qr.png"

    document.body.appendChild link

    link click

    document.body.removeChild link

  return

  <div className="appcontainer">

    <h1 className='headname'>                                </h1>

    {loading &&<p>                                </p>}

    {img && <img className="qimage"src={img} />}

```

```
<div>

<label htmlFor="dataInput" className="inputlabel">

</label>

<input type="text" value={qrdata} id="dataInput" placeholder="Enter the Website" onChange=
{ e =>setqrdata e target value }/>

<br></br>

<label htmlFor="sizeinput" className="inputlabel">

</label>

<input type="number" value={qrsized} id="dataInput" placeholder="Enter the Size" onChange=
{ e =>setqrsized e target value }/>

<br></br>

<br></br>

<button className='generate' disabled={loading} onClick={generate}>                </button>

<button className='download' onClick={download}>                                </button>

</div>
</div>
```