Learner Assignment Submission Format

Learner Details

- **Name:H O AKASH**

- **Enrollment Number:SU625MR015**

- **Batch / Class:MERN Stack**

- **Assignment:React JS**

- **Date of Submission:29/07/2025**

Problem Solving Activity 1.1

1. Program Statement

The objective of this project is to build a React application that displays a list of favorite people using display cards. Each card will include the person's name, their relationship with the user, and a list of their hobbies. The project demonstrates the use of React components, props, and dynamic rendering using the map() function to create modular, reusable UI elements. It also focuses on applying CSS styling to enhance the layout and overall visual structure, highlighting the power of component-based development in React.

---

2. Algorithm

1. Display the title "FAVORITE KANNADA ACTORS".

2. Display three cards with actor information.

3. For each card:

   1. Display the actor's image.

   2. Display the actor's name.

   3. Display the actor's age.

   4. Display the actor's information.

   5. Display a "More info" button with a link to the actor's Wikipedia page.

3. Pseudocode

BEGIN

  DISPLAY title "FAVORITE KANNADA ACTORS"

  DISPLAY three cards with actor information

  FOR EACH card

    DISPLAY actor image

    DISPLAY actor name

    DISPLAY actor age

    DISPLAY actor information

    DISPLAY "More info" button with link to Wikipedia page

  END FOR

END

4. Program Code

```
import React from 'react';
import "./Card.css";



const Card = () => {
    const name1="Yesh";
    const age1="39";
```

```jsx
    const info1="Naveen Kumar Gowda, known professionally as Yash, is an
Indian actor who predominantly works in Kannada cinema.";

    const name2="Dharshan";

    const age2="48";

    const info2="Darshan Thoogudeepa or simply Darshan, is an Indian
actor, film producer and distributor who works predominantly in Kannada
cinema.";

    const name3="Sudeep";

    const age3="51";

    const info3="Sudeep Sanjeev, also known as Kichcha Sudeepa, is an
Indian actor, director, producer, who primarily works in Kannada cinema.";

  return (

    <div>

    <div class="title"> <h1>FAVORITE KANNADA ACTORS</h1></div>

    <div id='head'>




        <div className="b">

          <img
src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTl2Q5Z92Fb4rtHB
Eo_Z_C2lyX1Jq1Ven0hQg&s" alt="" />

        <h3>Name:{name2}</h3>

      <p>Age:{age2}</p>

      <p>Information:{info2}</p>

      <a href="https://en.wikipedia.org/wiki/Darshan_(Kannada_actor)"
target="_blank">

  <button>More info</button></a></div>

        <div className="a">
```

```
<img
src="data:image/jpeg;base64,/9j/4AAQSkZJRgABAQAAAQABAAD/2wCEAAkGBxISEhUSEh
IVFRUVFRcVFhUVFRUWFRUXFRUXFxUVFRcYHSggGBolGxUWITEhJSkrLi4uFx8zODMtNygtLisB
CgoKDQ0NDw4NDysZFRkrKysrKysrKysrKysrKysrKysrKysrKysrKysrKysrKysrKysrKysrKy
srKysrKysrK//AABEIAOEA4QMBIgACEQEDEQH/xAAcAAABBQEBAQAAAAAAAAAAAAAAAQIDBAUG
Bwj/xABDEAABAwEEBggDBgQEBwEAAAABAAIRAwQSITEFQVFhcYEGEyKRobHB8Acy0RRCYnLh8S
MzUrI0gpLCFUNTc5Oi0iT/xAAVAQEBAAAAAAAAAAAAAAAAAAAAAf/EABQRAQAAAAAAAAAAAAAA
AAAAAAD/2gAMAwEAAhEDEQA/APHoGxF0JUIEupISoQJARG5KhAkbksDYhChF1CVAkIhODduCZ
KBY3JME0lISgdI2JZGxMIQPkbEsBRwnsQLdCISoQJCLu5CVAkBF3clQgSBsRASoQJARA2JUIE
gISoQIlSJUCIQhAqPNK1NeZzQNc5NlBSSgWUiiT2iiUMDAnJSIUjYAHIgxF1CVAkIhODduCZ
KBY3JME0lISgdI2JZGxMIQPkbEsBRwnsQLdCISoQJCLu5CVAkBF3clQgSBsRASoQJARA2JUIE
gISoQIlSJUCIQhAqPNK1NeZzQNc5NlBSSgWUiiT2iiUMDAnJSIUjYAHIgxF1CVAkIhODduCZ
KBY3JME0lISgdI2JZGxMIQPkbEsBRwnsQLdCISoQJCLu5CVAkBF3clQgSBsRASoQJARA2JUIE
gISoQIlSJUCIQhAqPNK1NeZzQNc5NlBSSgWUiiT2iiUMDAnJSIUjYAHIgxF1CVAkIhODduCZ
```
(base64-encoded JPEG image data)

x+9dAPIoOerMMCQRyhOpwY5jCfJX9IVxUJwGOeMRCpUmxICB4dAkHdGPvYmvwkTz3oLv2jLmus
6FdFvt9O0Ur92oGXqU5Go35QTqBxBzwKDjEJ9ak5jix7S1zSWuacC0gwQd4KYgEISIAoQhAIQh
AISyhA1CEIBCEICEIQgVCAhAKxYLG+tUbTpiXO7gNZO5Mo2dzshht1DmvQOhuixQpdY6DUq4zq
awZDmQT3IOO6SaHNleGkyC2Q7by1a1jQvQemdG/Sv49k+B2rgEDCnNTUoQSOegVCmNaggNQSudK
kY4gGI2zuyTWAhDRG5BYsVBzngAe+K9N+H7ep0i9gyexr4yi+1pIx3yuZ+HlibVtI/DLiJhpiT
9cPKV0PRG0itpmu4ZBxaCPwAN8wUHVfEf4fU7YDaKF2naIxOTKsZCpsdqvcJXhVssr6T3UqrCx
7Ddc12bTs/XWvrIgObBXF9M+hdmtpbUeC2rHViowwYHy3sw4TIxGtB89JF2GmOgFopF3VObWDS
Zb8lQf5SYPI8lydei5ji17S1wza4EEcQUEaEqECIQhAIRKVA1CEIBKhCAhCsWexvf8ow2nAd60
LJo1l6Cb5GzBv6oM+yWN9U3WNJPgOJWnZtHMEgdt4zJ+UcBr5rTtNpFCmWtADnAgR90a1n2Opc
pPdtgDiUBaKl57KTdobxJMSu0NUX7g+UNAAGUCAuJ6NibQHnG4CeZwHn4LfNoF9xB3SSg0tNND
qL2nDskjkvMHBekVqssg6wZ3blwulqF1wI+9Pgf1CDOKAJTkNMIHQnNTQUhlBIXY7/VOzzOPqo
mNn6+anYyZQbuhNJCy06j4F9w7BMyCRmNR/danwmqf/rvEmTJ4k5rirRUJwXafCeiXWoRsPn45
IPoK+I948FRt9O81wGZGG52o96uMaLo28fRVKxgjdI8vqgx2WYVHMrAfOAXDeMHBYvTjRdnc6m
K9IFjuzIgObhgWuzC6nRToqVKRGTi9uWTgHYd5HJZ3T/R5qWeQYLSCJ98O9B5P0h+HValL7M7r
mHJrobVAOr+l3hwXFV6LmOLXtc1wza4EEcivcOi+lBUp9VU+YEj6e9yk6QaFo1m3atMOGo5OH5
SMQeCDwdKu50p8Pzi6zVAR/RUwPJ7R4Ec1yWkNE16H82k5o2kS3/UMEFJCLyECJzGkmAJOwKWy
WV1QkNyAkk5ALfsVnYylAEkzJIzxju3IMOhYKjzdaJPHAbycgtanounTALj1jv8A1HAa+fcpq9
aG3RAB1DBV6tTCNnmgW1WkuMDADIBT0Hik2fvFUmlR2upKBlSoXuU+knXWNYOJ5qDR7JcE+2C/
UjfCC5olvV0nHIvx5DADzU9AYY5qevBaABECOQVEu1DwQazasiAVjaYp3rO139Ncty/rpz3fw0
4ViMFoUqF+xWraDQcP/M1p8HlBxxCCFpNsBOAU1n0K9xgCN+xBkNEft4p17YNX7lbh0I4NLnY4
YRHHasytZiMI/baggZTnL9E55geisMZGagtBnIcUFZzl6X8FLKTXc84BrMDvJOAXmtSMIXsfwV
spZTe90gPi6NoEguHPD2EHqdQ4bzq1rNtDzMwCr72yM9fPuWVbRB1gIHOFx7KsYxcO8EyPVaWl
KAq0HDcsSz1A8Fs4xhu1ie5bVlxpFuvFB5IZs9dwxzwOogzHiPFdbTtQqUxJzjkffosrplY4uu
AxaSDwIlVtFWh1xozMxvy1+9SDce0Z7cf2TH0wcCAQcxGBU7GS3H3rB8FGxsE6hHdsQZX/AAGz
f9G14f8AylWpB2DwQg8d0RSu2dztb3+DBA8S5S0qmHAeZlPDLtmpj8M/6pd6qlSdn74IHVH48E
1yQJzUDYVW0uzVqoYCz6hkoNDRggTuU1FkS/Wct236d6ZYW9nkrdOqHNOERqQU3OJzmUU2rQp2
dr8jio6FE3ojH3uQQikTgAug0GzrrJbKH8Np6sP6x+EXKrHFxIyDQJ+uCyLQA2B97XwPqtPozT
D/ALRTj+ZZbQ0ceqcR5IK2jqTSQR97HdrBjdIK6azXGiABOfj9Vy+jq/WUW1ew26RTusPahtNv
bcAMJ26zKu07aeKB2l7SACBh+i5itVnFaGlK85rDqP3oCpUTI1k3cHEHHGAezhtOHNNpwT2jAn
ExMJbcbpNIPa9odIc0Zm6BMkA/sgqPcSSSZJxK+kei2jA2w2cN7L202FpOEktlwO4zHcdS+dLF
Sv1GN/qe1ve4BfUDKLmMptH3WtHM5dwQS2O0NdhJGeBMkEZgzzVfS4utwjyCXSbQx4qNygB4zn
8Y2nUeWxVtKVQ5kgzhH080HPWO0vFaIEk6jM57+C6/R1uD2YZjavPrKwi0RjmcJBjgulh1FzS2
TiMN2vzQZ/TjCPxYHZhiDxiAsLQj7w4HuJJHp4rf6fw6kztAGeyDnMAx5LO6OUDdMtIMjPAzGO
HMd6DpaTOzHA+oVQMEwQd/vmrzxA4qqzEjjB9PRBV6qrs8ELSuH2EIPHLbRIoMnOGg8mgLFaVv
6SeHUhzlc/MSqHpwKYE+oYHFQR1zgqlnaHPAORK0GNkQVmBpDjuKKDaDLghuIZKQVmBpDjuKFD
4nuT2Oynggm0fF8icHAjhvV+1PuySVVWNusyM4Lpej7IEaRNmc9ppMeHMNMh2qMnLjxE7iuBqiB
av16oF0X2m81ruyZi8Jg7HCcRtVbpNo4stVoYPu2isANgFV0DuWZRrVKYdMBzXjqCMBzXxG
5oLtrqqpQstSreNNNjnBjS990E3WNxc4xk0DMp7a5LWNusF1zjewDjeu4E7Bdw/Mdqsm2FtV9Rh

bT6xrmltMQ0NeLrmgZwbpkb0ERmm0Bj2u66nDxE3O3kSRh8oMjU5Zr1ZqbBgDntOcTszyVdwQa
PRiletdnbtrM8HA+i+nK7hcnv7tXIBfNPQ6RbbORmKmHcV9FWWt2HA5RhrxQVqrje2XRA3E4me
U96oWoEFoAJpvcYAyaRGH5TPIyNivUKcidbiPWTv2Kv1uNyIAIaNkDE+MlBCLOxj70TwiJOoq4
ym58kmAMruB4XtWrJR1CGkxjjIwzyA8wpKVcHLlxwQc1/wANDrS6/jTAgE6ruLs+JxVzRtQve9
xyvYCMgGhoHG6ArOkanV0XHW5xaD+bHZsEc1X0S8YkGR7M+9iDZ0n8rDtE+KoOcATsmfRaGkR2
KfA+fvuWQNY2GfIhBY+0u2+CVZn2g70IPNrT/LKxNvvUEqECtS2rIIQgns+pZtX5zx9UqEGpZd
XvWna0IQXh8j+I8mqpt5JEIClmOK6rQ/zM/KEIQZfTT/HWr/v1P7yucp/878zPVCEFB/1/2JW/
N3/3OQhA6p6eqrPQhBs9C/8AG0Pz+hX0LY/kHP0SoQQ08+R9VnP+f/OUqEDbRkfy/wC5yWy/Mz
8w/sQhBU0v/IZ+f1UWi/lH5n+QQhBv27+WzgP7isSr9/3qqhBTQhCo/9k=" alt="img" />

```
        <h3>Name:{name1}</h3>

        <p>Age:{age1}</p>

        <p>Information:{info1}</p>

         <a href="https://en.wikipedia.org/wiki/Yash_(actor)"
target="_blank">

  <button>More info</button></a></div>

        <div className="c">

         <img
src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSyRy61zKX0_uIhN
W4l9tUu8sQJ1EIsZR2dxNAja16m72gKHUMnrzadfrr4k4EzjEy7aOY&usqp=CAU" alt="" />

        <h3>Name:{name3}</h3>

        <p>Age:{age3}</p>

        <p>Information:{info3}</p>

      <a href="https://en.wikipedia.org/wiki/Sudeepa" target="_blank">

  <button>More info</button>

</a></div>


    </div>

    </div>

  );

};
```
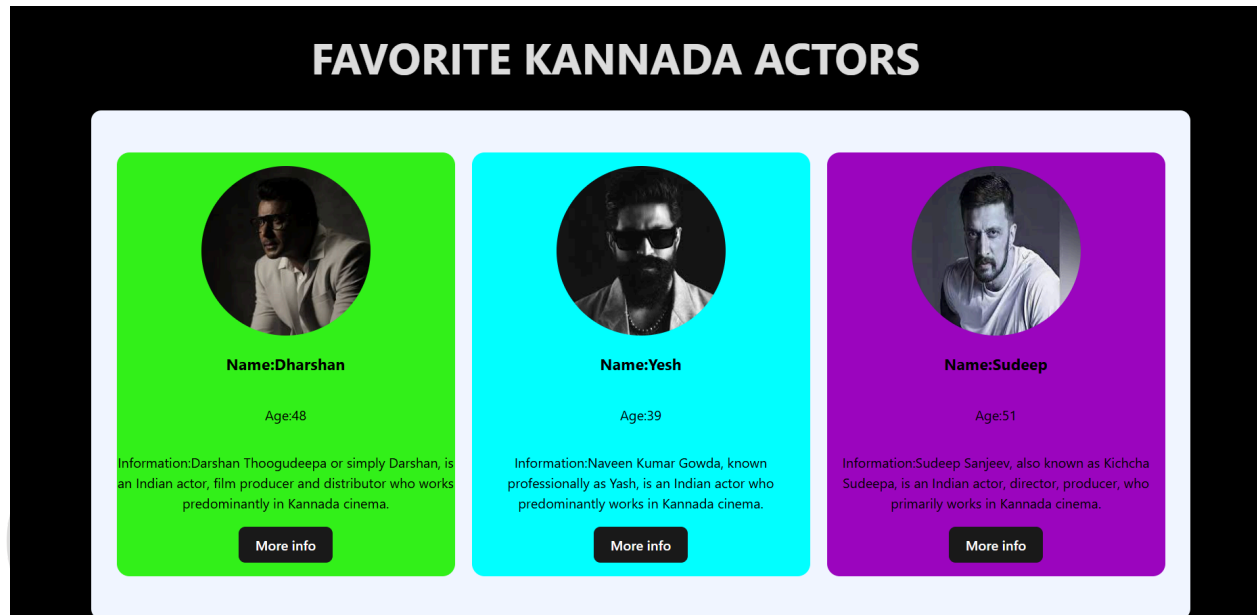
```
export default Card;
```

5. Screenshots of Output

6. Observation / Reflection

The given code is a simple React component that displays three cards with information about favorite Kannada actors. The component uses CSS styles from the Card.css file to style the cards.

One area for improvement is the use of inline styles for the images. Instead of using inline styles, it would be better to define the styles in the Card.css file.