

PROJECT TITLE: GIFT HIDDEN GAME

SECTION: KM083

NAME: ASHISH KUMAR REG NO: 12004718

SUPERVISED BY: DR. BALJIT SINGH SAINI

SUBMISSION DATE: 28/10/2022

QUESTION

The game hides three gifts (at random each time the game is loaded). Your task is to find the gifts.

Goal: Find the gifts in the fewest number of guesses. The game rates you according to your performance.

Setup: When the game is loaded, the gifts are hidden at random by the computer on the grid. Then the game asks you for your first guess.

How you play: The game will prompt for a guess, and you will type in the box as shown above and press "Guess" button. In response to your guess, you will either see the "Gift" or "Miss" in the corresponding grid location (refer figure above). When you find all the gifts, the game ends by displaying your rating. In case you find the danger icon (only one such icon is hidden in the grid, at random) the game will reset and all progress is lost.

The game will have three levels: 3x3 grid, 4x4 grid, and 6x6 grid.

GitHub Link:- https://github.com/Ashish-Kumar1437/Hidden-Gift

Website Link:- https://dev362.d6jxquspegu4o.amplifyapp.com/

ABOUT PROJECT

There are three levels in this game that involves finding gifts. Finding the gifts that have been randomly placed throughout the grid is the game's main objective. You must locate every gift, and based on how well you do, you will be awarded stars. There are two methods for playing the game. One requires you to click through each grid and check, while the other requires you to enter by row and column number. Your game will be reset if you choose a grid with a card that has danger behind it.

CODE

Home Page:

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Find Gift</title>
    <link rel="stylesheet" href="./css/index.css">
</head>
<body>
   <div class="name">
        Find The Gifts
    </div>
    <div class="menu">
        <a id="easy" href="./3x3grid.html">
            <span>Easy</span><i></i></i>
        </a>
```

Css

```
@import url('https://fonts.googleapis.com/css2?family=Nabla&display=swap');
    margin: 0;
    padding: 0;
    box-sizing: border-box;
body {
    width: 100vw;
    height: 100vh;
    display: flex;
    justify-content: center;
    align-items: center;
    background-color: black;
    flex-direction: column;
.name{
    font-family: 'Nabla', cursive;
    font-size: 5em;
    text-transform: uppercase;
.menu {
   width: 60%;
    height: 70%;
   display: flex;
   flex-direction: column;
    justify-content: space-evenly;
    align-items: center;
    /* gap: 50px; */
}
a {
    display: inline-block;
    font-size: 40px;
    letter-spacing: 2px;
```

```
padding: 10px 30px;
    text-decoration: none;
    text-transform: uppercase;
    position: relative;
    transition: 0.5s;
    background-color: white;
    color: aliceblue;
    width: 40%;
    text-align: center;
a:hover {
    letter-spacing: 7px;
    background-color: var(--color1);
    color: var(--color1);
    box-shadow: 0 0 30px var(--color1), 0 0 50px var(--color1);
a::before {
    content: "";
    inset: 2px;
    position: absolute;
    background-color: rgba(6, 7, 7, 0.967);
span {
    position: relative;
    z-index: 1;
i {
    display: block;
    inset: 0px;
    position: absolute;
i::before {
    content: "";
    position: absolute;
    left: 80%;
    top: -10%;
    width: 15px;
    border: 2px solid var(--color2);
    height: 10px;
    background-color: rgba(6, 7, 7, 0.967);
    transition: 0.5s;
a:hover i::before {
```

```
width: 25px;
    left: 10%;
    box-shadow: 0 0 20px var(--color1);
i::after {
    content: "";
    position: absolute;
    right: 80%;
    bottom: -10%;
    width: 15px;
    border: 2px solid var(--color2);
    height: 10px;
    background-color: rgba(6, 7, 7, 0.967);
    transition: 0.5s;
a:hover i::after {
    width: 25px;
    right: 10%;
    box-shadow: 0 0 20px var(--color1);
#easy {
    --color1: rgb(7, 147, 7);
    --color2: rgb(18, 210, 47);
#medium {
    --color1: aqua;
    --color2: rgb(91, 227, 242);
#hard {
    --color1: rgb(255, 8, 0);
    --color2: rgb(242, 106, 91);
@media screen and (max-width:900px) {
    .menu{
        width:100%;
    a{
        width:60%;
    .name{
        font-size: 3em;
```

Easy Level

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Find Gift</title>
    <link rel="stylesheet" href="./css/Grids.css">
    <!-- Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Fredoka+One&display=swap"</pre>
rel="stylesheet">
    k
href="https://fonts.googleapis.com/css2?family=Courgette&family=Oooh+Baby&display=swap"
rel="stylesheet">
</head>
<body>
    <div class="grid-container">
        <div class="gifts">
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
        </div>
        <div class="row-index">
            <div>A</div>
            <div>B</div>
            <div>C</div>
        </div>
        <div class="col-index">
            <div>1</div>
            <div>2</div>
            <div>3</div>
        </div>
        <div class="grid grid3x3">
```

```
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
   <div class="front"></div>
```

```
<div class="backside">
                    <img src="" alt="">
                </div>
            </div>
            <!-- <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
           <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button>
            <button class="boxes"><img src="" alt=""></button> -->
       </div>
       <div class="reset">
            <input type="text" name="index" id="index">
           <Button>Guess</Button>
       </div>
   </div>
   <div id="messageBox">
       <div id="message">
       <div class="stars">
           <div class="fill"></div>
           <div class="fill"></div>
           <div class="nofill"></div>
       </div>
           <div id="text"></div>
       <div class="btn">
                <a href="./index.html"><img src="./img/back.png" alt="back"></a>
                <a href="3x3grid.html"><img src="./img/again.png" alt=""></a>
                <a href="./4x4grid.html"><img src="./img/next.png" alt=""></a>
           </div>
       </div>
   </div>
   <script src="./js/script.js"></script>
</body>
</html>
```

Medium level

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Find Gift</title>
    <link rel="stylesheet" href="./css/Grids.css">
    <!-- Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Fredoka+One&display=swap"</pre>
rel="stylesheet">
    link
href="https://fonts.googleapis.com/css2?family=Courgette&family=Oooh+Baby&display=swap"
rel="stylesheet">
</head>
<body>
    <div class="grid-container">
        <div class="gifts">
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
            <div>
                <img src="./img/giftbox.png" alt="giftbox">
            </div>
        </div>
        <div class="row-index">
            <div>A</div>
            <div>B</div>
            <div>C</div>
            <div>D</div>
        <div class="col-index">
            <div>1</div>
            <div>2</div>
            <div>3</div>
            <div>4</div>
        </div>
        <div class="grid grid4x4">
            <div class="card">
                <div class="front"></div>
                <div class="backside">
                    <img src="" alt="">
```

```
</div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
   <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
   <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
```

```
<div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
        <div class="card">
            <div class="front"></div>
            <div class="backside">
                <img src="" alt="">
            </div>
        </div>
    </div>
    <div class="reset">
        <input type="text" name="index" id="index">
        <Button>Guess</Button>
    </div>
</div>
<div id="messageBox">
```

```
<div id="message">
            <div class="stars">
                <div class="fill"></div>
                <div class="fill"></div>
                <div class="nofill"></div>
            </div>
               <div id="text"></div>
            <div class="btn">
                    <a href="./index.html"><img src="./img/back.png" alt="back"></a>
                    <a href="./4x4grid.html"><img src="./img/again.png" alt=""></a>
                    <a href="./6x6grid.html"><img src="./img/next.png" alt=""></a>
                </div>
            </div>
    </div>
   <script src="./js/script.js"></script>
</body>
</html>
```

Hard Level

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Find Gift</title>
    <link rel="stylesheet" href="./css/Grids.css">
    <!-- Fonts -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Fredoka+One&display=swap"</pre>
rel="stylesheet">
    link
href="https://fonts.googleapis.com/css2?family=Courgette&family=Oooh+Baby&display=swap"
rel="stylesheet">
</head>
<body>
    <div class="grid-container">
        <div class="gifts">
```

```
<div>
        <img src="./img/giftbox.png" alt="giftbox">
    </div>
        <img src="./img/giftbox.png" alt="giftbox">
    </div>
        <img src="./img/giftbox.png" alt="giftbox">
    </div>
</div>
<div class="row-index">
    <div>A</div>
    <div>B</div>
    <div>C</div>
    <div>D</div>
    <div>E</div>
    <div>F</div>
</div>
<div class="col-index">
    <div>1</div>
    <div>2</div>
    <div>3</div>
    <div>4</div>
    <div>5</div>
    <div>6</div>
</div>
<div class="grid grid6x6">
    <div class="card">
        <div class="front"></div>
        <div class="backside">
            <img src="" alt="">
        </div>
    </div>
    <div class="card">
        <div class="front"></div>
        <div class="backside">
            <img src="" alt="">
        </div>
    </div>
    <div class="card">
        <div class="front"></div>
```

```
<div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
   <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
```

```
</div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
   <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
   <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
```

```
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
   <div class="front"></div>
```

```
<div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
   </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
       <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
   <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
   <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
    </div>
</div>
<div class="card">
    <div class="front"></div>
    <div class="backside">
        <img src="" alt="">
```

```
</div>
            </div>
        </div>
        <div class="reset">
            <input type="text" name="index" id="index">
            <Button>Guess</Button>
        </div>
   </div>
    <div id="messageBox">
        <div id="message">
            <div class="stars">
                <div class="fill"></div>
                <div class="fill"></div>
                <div class="nofill"></div>
            </div>
               <div id="text"></div>
            <div class="btn">
                    <a href="./index.html"><img src="./img/back.png" alt="back"></a>
                    <a href="./6x6grid.html"><img src="./img/again.png" alt=""></a>
                </div>
            </div>
    </div>
   <script src="./js/script.js"></script>
</body>
</html>
```

All Level Css

```
background-color: violet;
   margin: auto;
   display: flex;
   justify-content: center;
   align-items: center;
    position: relative;
   border-radius: 10px;
   border: 10px solid;
   border-image-slice: 1;
   border-image-source: linear-gradient(60deg, aqua, yellow, orange, green);
.grid {
   display: flex;
   flex-wrap: wrap;
   justify-content: space-evenly;
   width: 60%;
   height: 60%;
.row-index,
.col-index {
   position: absolute;
   font-size: 2.5rem;
    font-family: 'Fredoka One', cursive;
.row-index {
   left: 13%;
   height: 60%;
   display: flex;
   flex-direction: column;
   justify-content: space-around;
   width: 60px;
.col-index {
   top: 10%;
   width: 60%;
   display: flex;
   justify-content: space-around;
   height: 60px;
.row-index>div,
.col-index>div {
   background-color: white;
   text-align: center;
   border-radius: 10px;
```

```
width: 50px;
   height: 50px;
.reset {
   position: absolute;
   bottom: 5%;
   right: 10%;
   /* background: aliceblue; */
   padding: 10px 20px;
   border-radius: 50px;
   justify-content: end; */
.reset>button {
   font-family: var(--font1);
   width: 100px;
   height: 50px;
   border-radius: 20px 50px;
   font-size: 1rem;
   background-color: aqua;
.reset >input{
   font-size: 1.2em;
   text-align: center;
   text-transform: uppercase;
   width: 50%;
   border: 3px solid;
.gifts {
   position: absolute;
   top: 13px;
   display: flex;
   gap: 10px;
   right: 25%
.gifts.div {
   position: relative;
.gifts>div>span {
   position: absolute;
   background-color: black;
   width: 1px;
   height: 10px;
```

```
.gifts>div>img {
    width: 25px;
    height: 25px;
#messageBox {
    position: absolute;
    top: 0;
    width: 100vw;
    height: 100vh;
    z-index: 10;
    /* background-color: rgba(50, 49, 49, 0.53); */
    background: linear-gradient(90deg, rgba(183, 97, 97, 0.397), rgba(50, 49, 49, 0.53));
    display: flex;
    justify-content: center;
    align-items: center;
    display: none;
#message {
    width: 30%;
    height: 50%;
    background-color: white;
    clip-path: polygon(47% 3%, 90% 13%, 98% 35%, 96% 66%, 78% 85%, 50% 95%, 29% 86%, 6% 67%,
3% 34%, 18% 6%);
    display: flex;
    justify-content: center;
    align-items: center;
    font-size: 3em;
    font-family: 'Black Ops One', cursive;
    flex-direction: column;
    gap: 20px;
    text-align: center;
.stars{
    display: flex;
    gap: 10px;
#messageBox .stars > div:nth-child(2){
    transform: translateY(-15px);
#messageBox .stars > .fill{
    background-color: rgb(255, 208, 0);
#messageBox .stars > .nofill{
    background-color: rgba(0, 0, 0, 0.277);
#messageBox .stars > div{
```

```
width:60px;
    height:60px;
    /* background-color: aqua; */
    clip-path: polygon(50% 0%, 61% 35%, 98% 35%, 68% 57%, 79% 91%, 50% 70%, 21% 91%, 32% 57%,
2% 35%, 39% 35%);
.btn img{
    width:20px;
.btn{
    display: flex;
    gap: 15px;
.btn a{
    width: 40px;
    height: 40px;
    border-radius: 50%;
    background-color: greenyellow;
    display: flex;
    justify-content: center;
    align-items: center;
.grid6x6 .card {
   width: 15%;
    height: 15%;
    transform-style: preserve-3d;
    transition: transform 0.5s;
.grid4x4 .card {
   width: 24%;
   height: 24%;
    transform-style: preserve-3d;
    transition: transform 0.5s;
.grid3x3 .card {
    width: 32%;
    height: 32%;
    transform-style: preserve-3d;
    transition: transform 0.5s;
    height: 50%;
```

```
.front {
    width: 100%;
    height: 100%;
    backface-visibility: hidden;
    background-color: yellow;
    position: relative;
    z-index: 10;
.backside {
    background-color: white;
    position: absolute;
    top: 0;
    transform: rotateY(180deg);
    display: flex;
    justify-content: center;
    align-items: center;
    width: 100%;
    height: 100%;
.backside>img {
    width: 50%;
    height: 50%;
@media screen and (max-width:1200px) {
    .row-index{
        left:10%;
    #message{
        width: 75%;
    }
@media screen and (max-width:950px) {
    .row-index{
        left:5%;
    .grid{
        width: 65%;
    .grid3x3 .card{
        width: 30%;
        height: 30%;
    .row-index>div,.col-index>div{
        width: 40px;
    height: 45px;
```

```
.col-index{
        width: 65%;
        top: 10%;
    .gifts{
        right: 5%;
    .reset{
        right: -10%;
    }
@media screen and (max-width:700px) {
    body{
        padding-top: 0;
    .grid-container{
        width: 100%;
        height: 100vh;
        justify-content: end;
    .grid{
        width: 80%;
    .col-index{
        width: 80%;
        top: 12%;
@media screen and (max-width:550px) {
    .row-index{
        display: none;
    .col-index{
        display: none;
    .grid{
        width: 100%;
```

All Level Javascript

```
const cards = document.getElementsByClassName("card");
const frontside = document.getElementsByClassName("front");
const giftBoxes = document.querySelectorAll('.gifts > div > img');
let BoxesOpened = 0;
let noOfclick=0;
```

```
let BoxesValue = [];
for (let i = 0; i < cards.length; i++) {</pre>
    cards[i].addEventListener('click', () => { show(i) })
const noOfGifts = Math.sqrt(cards.length) + 1;
// Start Game
function startGame() {
    noOfclick=0;
    const light = setInterval(() => {
        for (var i = 0; i < cards.length; i++) {</pre>
            frontside[i].style.background = `rgb(${Math.random()*255} ${Math.random()*255}
${Math.random()*255})`;
    }, 100);
    setTimeout(() => {
        clearInterval(light)
        for (var i = 0; i < cards.length; i++) {</pre>
            frontside[i].style.background = `linear-gradient(90deg, yellow, orange)`;
    }, 1500)
    makegrid(noOfGifts)
// Reset lives
function resetlives() {
    BoxesOpened = 0;
    for (let i = 0; i < giftBoxes.length; i++) {</pre>
        giftBoxes[i].setAttribute('src', '../img/giftbox.png')
    }
// reset grid
function resetGrid() {
    noOfclick=0;
    for (let i = 0; i < cards.length; i++) {</pre>
        cards[i].style.transform = "rotateY(0deg)"
// Make Grid
function makegrid(n) {
    noOfclick=0;
    const boxvalue = new Array(cards.length);
    resetlives();
    let count = 0;
    while (count != n) {
        const index = Math.floor(Math.random() * noOfGifts)
        const img = cards[index].querySelector('img');
```

```
if (boxvalue[index] == undefined && count < n - 1) {</pre>
            img.setAttribute('src', './img/gift.png')
            img.setAttribute('alt', 'gift')
            boxvalue[index] = "gift"
            count++;
        } else if (boxvalue[index] == undefined && count == n - 1) {
            img.setAttribute('src', './img/virus.png')
            img.setAttribute('alt', 'danger')
            boxvalue[index] = "danger"
            count++;
    }
    for (var i = 0; i < cards.length; i++) {</pre>
        const img = cards[i].querySelector('img');
        if (boxvalue[i] == undefined) {
            img.setAttribute('src', './img/decline.png')
            img.setAttribute('alt', 'miss')
            boxvalue[i] = "miss"
        }
    BoxesValue = boxvalue;
// show button
function show(i) {
    noOfclick++;
    const img = cards[i].querySelector('img')
  // img.style.display = "inline";
    cards[i].style.transform = "rotateY(180deg)"
    const alt = img.getAttribute('alt')
    if (alt == "danger") {
        setTimeout(() => {
            document.getElementById('message').querySelector(".stars").style.display="none";
            document.getElementById('message').querySelector(".btn").style.display="none";
            document.getElementById('text').innerHTML="OOPS WRONG CLICK !!"
            document.getElementById('messageBox').style.display = 'flex';
        }, 400)
        setTimeout(() => {
            resetGrid();
        }, 2000);
        setTimeout(() => {
            makegrid(noOfGifts)
            document.getElementById('messageBox').style.display = 'none';
        }, 2500);
    } else if (alt == "gift") {
        giftBoxes[BoxesOpened].setAttribute('src', './img/gift.png');
        img.setAttribute('alt', 'openedGift');
        BoxesOpened++;
        if(BoxesOpened===giftBoxes.length){
            let stars=0;
```

```
console.log(noOfclick);
            if(noOfclick <= giftBoxes.length+1){</pre>
                stars=3;
            else if(noOfclick <= giftBoxes.length+2){</pre>
                stars=2
            else{
                stars=1;
            win(stars);
    }
// win
function win(stars){
    const star=document.querySelectorAll(".stars > div");
    let i=0;
    while(i<3){</pre>
        if(stars>i){
            star[i].classList="fill";
        else
        star[i].classList="nofill";
        i++;
    setTimeout(()=>{
        document.getElementById('message').querySelector(".stars").style.display="flex";
            document.getElementById('message').querySelector(".btn").style.display="flex";
        document.getElementById('text').innerHTML="VICTORY";
        document.getElementById('messageBox').style.display = 'flex';
    },400)
// document.querySelector('.reset').addEventListener('click', () => {
       resetGrid();
       setTimeout(() => {
           startGame();
document.querySelector('.reset > button').addEventListener('click', () => {
    const input=document.getElementById("index");
    const value=input.value.toLowerCase();
    let no;
    const number=parseInt(value[1]);
    const alphabate=value.charCodeAt(0) - 97;
    no=(alphabate)*(noOfGifts-1)+parseInt(value[1]);
    if((number>noOfGifts-1 || alphabate>noOfGifts-1) ||no-1>=cards.length || isNaN(no)){
```

```
alert("Out of range");
}
else if(!isNaN(no)) {
    show(no-1);
}
input.value="";
})
startGame()
```

SCREENSHOT















