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**Division: A**

**Mern Batch: 1**

**Q) WAP to implement animation (take any case study).**

<!DOCTYPE html>

<html lang="en">

<head>

    <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>Animation</title>

    <style>

        #parrot{

            position: absolute;

            margin-bottom: 15vh;

            height: 17vh;

            width: 10vw;

        }

        #parrot2{

            position: absolute;

            margin-top: 100px;

            height: 20vh;

            width: 10vw;

            padding-top: 10px;

            transform: scaleX(-1);

        }

        .tree{

            background-size: cover;

            height: 98vh;

            width: 100%;

        }

        #baba{

            position: absolute;

            margin-top: 300px;

            margin-left: 34%;

        }

    </style>

    <script>

            var parrot1=null;

            var parrot2=null;

            var baba=null;

            var animate1;

            var animate2;

            var animate3;

            var animate4;

            var flag;

            function init()

            {

               parrot1=document.getElementById('parrot');

               parrot2=document.getElementById('parrot2');

               baba=document.getElementById('baba');

               parrot1.style.left='0px';

               parrot2.style.right='0px';

               baba.style.top='0px';

            }

            function moveRight() {

               parrot1.style.left = parseInt(parrot1.style.left) + 10 + 'px';

               if(parrot1.style.left=="1400px")

               {

                   parrot1.style.left='0px';

               }

               animate1=setTimeout(moveRight,50);

            }

            function move()

            {

                parrot2.style.right = parseInt(parrot2.style.right) + 10 + 'px';

                if(parrot2.style.right=="1400px")

                {

                    parrot2.style.right='0px';

                }

                animate2=setTimeout(move,50);

            }

            function up()

            {

                if(parseInt(baba.style.top)==30 || flag==1)

                {

                    flag=1;

                    baba.style.top=parseInt(baba.style.top)-1+'px';

                    if(parseInt(baba.style.top)==0)

                    {

                        flag=0;

                    }

                }

                else

                {

                    baba.style.top=parseInt(baba.style.top)+1+'px';

                    flag=0;

                }

                animate3=setTimeout(up,50);

            }

            window.onload=init;

    </script>

</head>

<body>

    <div>

        <button onclick="moveRight(); move(); up();">Click to start animation.</button>

    </div>

    <img src="parrot.jpg" alt="parrot" id="parrot">

    <img src="parrot.jpg" alt="parrot" id="parrot2">

    <div>

        <img src="Cartoon.jpg" alt="tree" height="400px" width="400px" id="baba">

        <img src="Trees.png" alt="tree" class="tree">

    </div>

</body>

</html>

**Drive link:** [**https://drive.google.com/file/d/1NqrU-pEN3wf83z2gUWmNpSnHORU6JciY/view?usp=sharing**](https://drive.google.com/file/d/1NqrU-pEN3wf83z2gUWmNpSnHORU6JciY/view?usp=sharing)