**PRACTICAL NO:4**

**PART:A**

**CODE:**

**1)prac5.html**

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" type="text/css" href="5.css">

<title></title>

</head>

<body>

<script type="text/javascript">

function dis(arg)

{

if(arg!='=')

{

document.getElementById("ip1").value +=arg;

}

}

function clr()

{

document.getElementById("ip1").value = ""

}

function solve()

{

let x = document.getElementById("ip1").value

let y = eval(x)

document.getElementById("ip1").value = y

}

var op=null;

var rr;

var ak=-1;

var opp;

var a;

var num1;

var num2=0;

var flag=0;

function r(arg)

{

let x=document.getElementById(arg).value ;

if(x!="+/-")

{

dis(x);

}

//alert("heloo");

var res=0;

if(x==1 || x==2 || x==3 || x==4 || x==5 || x==6 || x==7 || x==8 || x==9 || x==0 )

{

alert("number");

a=parseFloat(x);

alert(a);

if(flag==0 && opp=="." )

{

if(opp=="." && op==null)

{

res=parseFloat(num1+"."+parseFloat(a));

document.getElementById("ip1").value=res;

alert(res);

num1=res;

flag=1;

return;

}

}

if(flag==1 && opp=="." )

{

if(op==null)

{

//num2=parseFloat(a);

res=parseFloat(document.getElementById("ip1").value);

alert(res);

document.getElementById("ip1").value=res;

alert(res);

num1=res;

}

}

}

//alert(a);

if(x=="+" || x=="-" || x=="\*" || x=="/" || x=="." )

{

alert("operator");

if(x==".")

{

opp=x;

num1=a;

}

else

{

op=x;

//num1=a;

//alert(a);

if(opp=".")

{

}

else

{

num1=parseFloat(a);

alert(num1);

alert(op);

}

alert(num1);

}

}

if(x=="=")

{

alert("equals");

num2=parseFloat(a);

switch(op)

{

case "+":

res=num1+num2;

break;

case "-":

res=num1-num2;

break;

case "\*":

res=num1\*num2;

break;

case "/":

res=num1/num2;

break;

default:

}

document.getElementById("ip1").value=res;

alert(res);

a=res;

}

}

</script>

<div id="d0">

<br>

<div id="d1">

<div id="d12">

<input id="ip1" class="result" type="text" name="result">

</div>

<div id="d13">

<input id="i7" class="7" type="submit" onclick="r('i7')" name="7" value="7">

<input id="i8" class="8" type="submit" onclick="r('i8')" name="8" value="8">

<input id="i9" class="9" type="submit" onclick="r('i9')" name="9" value="9">

<input id="iplus" class="+" type="submit" onclick=" r('iplus')" name="+" value="+">

<br>

<input id="i4" class="4" type="submit" onclick=" r('i4')" name="4" value="4">

<input id="i5" class="5" type="submit" onclick=" r('i5')" name="5" value="5">

<input id="i6" class="6" type="submit" onclick=" r('i6')" name="6" value="6">

<input id="iminus" class="-" type="submit" onclick=" r('iminus')" name="-" value="-">

<br>

<input id="i1" class="1" type="submit" onclick=" r('i1')" name="1" value="1">

<input id="i2" class="2" type="submit" onclick=" r('i2')" name="2" value="2">

<input id="i3" class="3" type="submit" onclick=" r('i3')" name="3" value="3">

<input id="imul" class="\*" type="submit" onclick=" r('imul')" name="\*" value="\*">

<br>

<input id="i0" class="0" type="submit" onclick=" r('i0')" name="0" value="0">

<input id="idot" class="." type="submit" onclick=" r('idot')" name="." value=".">

<input id="idiv" class="/" type="submit" onclick=" r('idiv')" name="/" value="/">

<input id="ieq" class="=" type="submit" onclick=" r('ieq')" name="=" value="=">

<br>

<input type="submit" id="iplusminus" class="+/-" onclick=" r('iplusminus')" name="+/-" value="+/-" align="center">

<input type="submit" id="clear" class="clear" onclick="clr()" name="clear" value="C" align="center">

</div>

</div>

</div>

</body>

</html>

**2)5.css**

#d0

{

background-color:#E9E4E3;

height:500px;

width:500px;

margin-left:480px;

margin-top: 150px;

margin-bottom: 200px;

margin-right: 200px;

}

#d1

{

background-color:red;

height:440px;

width:300px;

margin-left:100px;

top: 100px;

margin-bottom: 00px;

margin-right: 100px;

align-self: auto;

border-radius: 10px;

}

#d12

{

background-color:transparent;

height:120px;

width:300px;

margin-left:00px;

top: 100px;

margin-bottom: 00px;

margin-right: 100px;

border-radius: 10px;

align-self: auto;

}

#d13

{

background-color:white;

height:320px;

width:300px;

margin-left:00px;

top: 100px;

margin-bottom: 00px;

margin-right: 100px;

border-radius: 10px;

border-top-left-radius: 0px;

border-top-right-radius: 0px;

align-self: auto;

}

#ip1

{

background-color:transparent;

height:80px;

width:280px;

margin-left:00px;

top: 100px;

margin-bottom: 00px;

margin-right: 100px;

border: 0px;

font-size:50px;

text-align: right;

color:#726D6C;

font-weight:bold;

}

#i7{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i8{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i9{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#iplus{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i4{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i5{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i6{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#iminus{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i1{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i2{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i3{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#imul{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#i0{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#idot{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#idiv{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#ieq{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:15px;

border-radius: 30px;

border: 0px;

color:#726D6C;

font-size:30px;

font-weight: bold;

background-color:#E9E4E3;

}

#iplusminus{

height: 50px;

width: 50px;

margin-left: 78px;

margin-top:5px;

border-radius: 30px;

border: 0px;

color:white;

font-size:30px;

font-weight: bold;

background-color:red;

}

#clear{

height: 50px;

width: 50px;

margin-left: 15px;

margin-top:5px;

border-radius: 30px;

border: 0px;

color:white;

font-size:30px;

font-weight: bold;

background-color:red;

}

**OUTPUT:**

