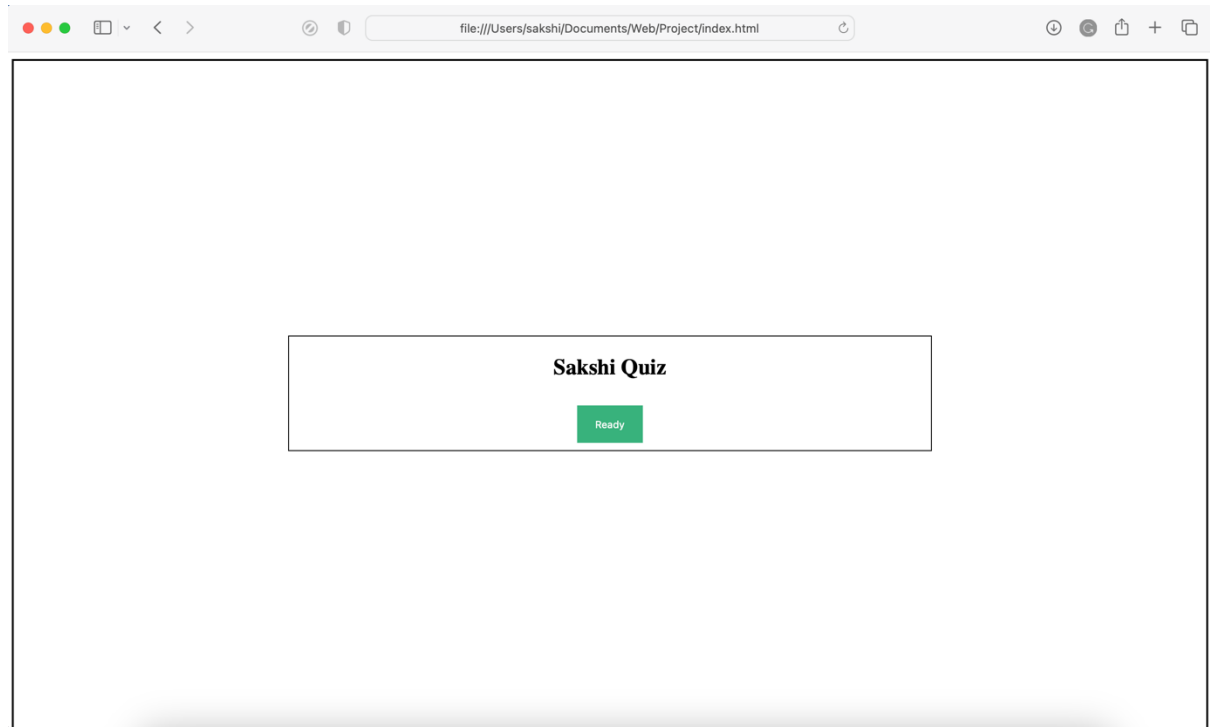


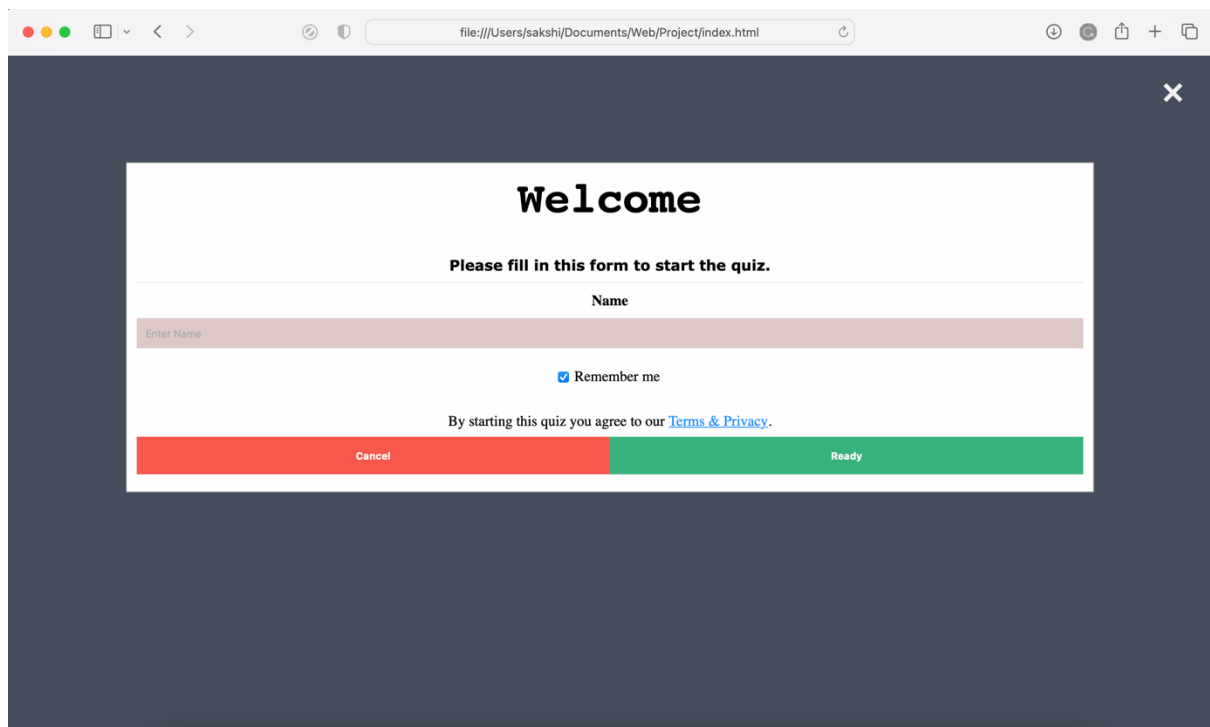
**Name : Sakshi Keshwani**  
**Reg . No : 12204734**

**Roll No : 49**  
**Course Code : CAP757**

## CA 3 Entry Page



## Detail Page



## Quiz Page

If you select a correct option, all wrong button goes red, with correct answer as printed

1. Which of these features of OOP would indicate code reusability?

Log out

Polymorphism

Abstraction

Inheritance

Encapsulation

Correct : Inheritance

Hint

Next

---

If you select a wrong option, all button goes red, with correct answer as printed

2. Which of these specifiers would be applied to the constructors only?

Log out

Explicit

Implicit

Protected

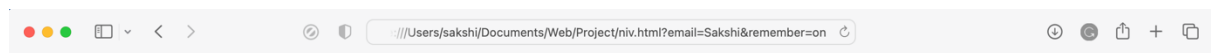
Public

Correct : Explicit

Hint

Next

## Score Page



Log out

10. Which of these attributes can we use if we want to get the actual size of any array?

|                   |            |                   |            |
|-------------------|------------|-------------------|------------|
| Array_name.length | Size.Array | length.Array_name | Array.Size |
|-------------------|------------|-------------------|------------|

Hint

Next

[Click here to see result](#)

Need to work a bit!!

Quiz Completed, Your final score : 20

## CODE

### index.html

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="index.css">
  </head>
  <body>
    <div class="background">
      <div class="transbox">
<h2>Sakshi Quiz</h2>

    <button onclick="document.getElementById('id01').style.display='block'"
style="width:auto;">Ready</button>

    <div id="id01" class="modal">
      <span onclick="document.getElementById('id01').style.display='none'"
class="close" title="Close Modal">&times;</span>
      <form class="modal-content" action="niv.html">
        <div class="container">
          <b style="font-size:300%; font-family:courier;">Welcome</b><br>
          <br><br>
          <b style="font-size:100%; font-family:verdana;">Please fill in this form to start
the quiz.</b>
        </div>
      </form>
    </div>
  </div>
</body>
</html>
```

```

<hr>
<label for="email"><b>Name</b></label>
<input type="text" placeholder="Enter Name" name="email" required>

    <input type="checkbox" checked="checked" name="remember" style="margin-
bottom:15px"> Remember me
    <br><br>By starting this quiz you agree to our <a href="#"
style="color:dodgerblue">Terms & Privacy</a>.
    <div class="clearfix">
        <button type="button"
onclick="document.getElementById('id01').style.display='none'"
class="cancelbtn"><b>Cancel</b></button>
        <button type="submit" class="signupbtn"><b>Ready</b></button>
    </div>
</div>
</form>
</div>

<script src="index.js"></script>
</div>
</div>
</body>
</html>

```

## niv.html

```

<html>
  <style>
    .option{
      background-color: #a3cbbd;
      color: rgb(77, 73, 73);
      padding: 14px 20px;
      margin: 8px 0;
      font-weight: bold;
      font-size: large;
      font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande',
'Lucida Sans Unicode';
      border: none;
      cursor: pointer;
      height: 20%;
      width: 20%;
      opacity: 1.0;
    }
    #sub{
      background-color: #aa0404;
      color: white;
      padding: 14px 20px;
      margin: 8px 0;
      font-size: medium;
      border: none;
    }
  </style>

```

```

        cursor: pointer;
        height: 7%;
        width: 7%;
        opacity: 0.9;
    }
    .btn-text-right{
text-align: right;
}
</style>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<body style="text-align: center;">
    <br><br>
    <div class="btn-text-right">
        <button type="button" class="btn btn-default btn-sm"
onclick="window.location.href = 'index.html';">
            <span class="glyphicon glyphicon-log-out"></span> Log out
        </button>
    </div>
<p id="question" style="font-size:150%; font-family:courier; text-align:
center;"></p><hr>
<button id="option1" class="option" onclick="op1()" class="favorite
styled"></button>
<button id="option2" class="option" onclick="op2()"></button>
<button id="option3" class="option" onclick="op3()"></button>
<button id="option4" class="option" onclick="op4()"></button>
<p id="answer"></p>
<button onclick="hint()" id="sub">&#9873;Hint</button>
<button onclick="next()" id="sub">Next</button>
<h3 id="show" onclick="clickMe()" style="text-decoration-color: #aa0404;"> </h3>
<p id="result"></p>
<script>
let allQuestions = [
"1. Which of these features of OOP would indicate code reusability?",
"2. Which of these specifiers would be applied to the constructors only?",
"3. The memory that is allocated for any objects is _____.",
"4. Which of these classes is a specialization of some more general template
classes?",
"5. A derived class is also called a _____.",
"6. Which of these inheritances is shown in case we inherit some base class from
another class, then one of the classes derives it?",
"7. Hierarchical inheritance could be some subset of _____
inheritance.",
"8. _____ is the universal handler class for exceptions.",
"9. Which of these types of values result from a delete operator?",

```

```

"10. Which of these attributes can we use if we want to get the actual size of any array?"
];

let allOptions = [
  ["Polymorphism","Abstraction","Inheritance","Encapsulation"],
  ["Explicit","Implicit","Protected","Public"],
  ["Cache","HDD","ROM","RAM"],
  ["Integer","Maths","String","Digit"],
  ["Small class","Subclass","Noticebale class","Big class"],
  ["Single","Multiple","Multi-Level","Hierarchical"],
  ["Multi-level","Single level","Multiple","Hybrid"],
  ["Maths","Object","Exceptions","Errors"],
  ["null","null pointer","void pointer","void"],
  ["Array_name.length","Size.Array","length.Array_name","Array.Size"],
];

let hintanswer= [
  "The assets that an individual bequeaths to their loved ones after they pass away.",
  "Warning that media (pictures, films or music) contains adult content",
  "This isn't to be confused with long-term data that's stored on your hard drive, which stays there even when your computer is turned off.",
  "An array data structure of bytes (or words) that stores a sequence of elements, typically characters, using some character encoding.",
  " It inherits the properties of the superclass and also contains attributes of its own.",
  "A two-level model which allows for grouping of child outcomes within schools would include residuals at the child and school level.",
  "A person whose background is a blend of two diverse cultures or traditions.",
  "An instance or case not conforming to the general rule.",
  "void",
  "ints are 4 bytes long, so n is 68."
];

let correctAnswer = [
  "Inheritance",
  "Explicit",
  "RAM",
  "String",
  "Subclass",
  "Multi-level",
  "Hybrid",
  "Exceptions",
  "Empty space.",
  "Array.Size"
];

let selectedOption = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0];
let totalQues=10;
let option;
var i = -1;
var res=0;
var click=0;
const myTimeout = setTimeout(next, 0);

function next() {
  if(i < 9){
    i++;
  }
  document.getElementById('option1').style.backgroundColor="#a3cbbd";
  document.getElementById('option2').style.backgroundColor="#a3cbbd";
  document.getElementById('option3').style.backgroundColor="#a3cbbd";
  document.getElementById('option4').style.backgroundColor="#a3cbbd";
}

```

```

document.getElementById('option1').disabled=false;
document.getElementById('option2').disabled=false;
document.getElementById('option3').disabled=false;
document.getElementById('option4').disabled=false;
document.getElementById("question").innerHTML = allQuestions[i];
document.getElementById("option1").innerHTML = allOptions[i][0];
document.getElementById("option2").innerHTML = allOptions[i][1];
document.getElementById("option3").innerHTML = allOptions[i][2];
document.getElementById("option4").innerHTML = allOptions[i][3];
document.getElementById("answer").innerHTML = '';

if(document.getElementById('option1').clicked == true)
{
    click=0;
}
if(i == 9){
    document.getElementById("show").innerHTML = "<u>Click here to see
result</u>";
}
}
//-----function for displaying Answer
function clickMe(){
    final();
}
function op1()
{
    display();
    click=0;
    document.getElementById('option1').style.backgroundColor="green";
    if(correctAnswer[i]==allOptions[i][click])
    {
        res=res+10;
        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }else{
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }
}
function op2()
{
    display();
    click=1;
    document.getElementById('option2').style.backgroundColor="green";
    if(correctAnswer[i]==allOptions[i][click])
    {
        res=res+10;
        document.getElementById('option1').style.backgroundColor="red";

```

```

        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }else{
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }
}
function op3()
{
    display();
    click=2;
    document.getElementById('option3').style.backgroundColor="green";
    // document.getElementById('option1').disabled=true;
    // document.getElementById('option2').disabled=true;
    // document.getElementById('option4').disabled=true;
    if(correctAnswer[i]==allOptions[i][click])
    {
        res=res+10;
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }else{
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }
}
function op4()
{
    display();
    click=3;
    document.getElementById('option4').style.backgroundColor="green";
    if(correctAnswer[i]==allOptions[i][click])
    {
        res=res+10;
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option3').style.backgroundColor="red";
    }else{
        document.getElementById('option1').style.backgroundColor="red";
        document.getElementById('option3').style.backgroundColor="red";
        document.getElementById('option2').style.backgroundColor="red";
        document.getElementById('option4').style.backgroundColor="red";
    }
}
function final(){
    if(res>90)
    {

```



```

        document.getElementById("result").innerHTML = "<b>Brvaoo!!<br>Quiz Completed</b>, Your final score : "+res;
    }
    if(res>80 && res<90)
    {
        document.getElementById("result").innerHTML = "<b>On the way to level up!!<br>Quiz Completed</b>, Your final score : "+res;
    }
    if(res>70 && res<60)
    {
        document.getElementById("result").innerHTML = "<b>Better than 50%!!<br>Quiz Completed</b>, Your final score : "+res;
    }
    else
    {
        document.getElementById("result").innerHTML = "<b>Need to work a bit!!<br>Quiz Completed</b>, Your final score : "+res;
    }
}
function display(){
    document.getElementById("answer").innerHTML = "Correct : "+correctAnswer[i];
}
function hint(){
    document.getElementById("answer").innerHTML = "&#128161; Hint : "+hintanswer[i];
}
}

</script>

</body>
</html>

```

## index.js

```

var modal = document.getElementById('id01');

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    }
}

```

## index.css

```
div.background {
    background: url(img.png) repeat;
    height: 800px;
    border: 2px solid black;
}

div.transbox {
    margin: 23%;
    background-color: #ffffff;
    border: 1px solid black;
    opacity: 1;
    text-align: center;
}

div.transbox p {
    margin: 19%;
    font-weight: bold;
    color: #000000;
}
</style>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box;}

/* Full-width input fields */
input[type=text], input[type=password] {
width: 100%;
padding: 10px;
margin: 10px 0 22px 0;
display: inline-block;
border: none;
background: #ddc7c7;
}

/* Add a background color when the inputs get focus */
input[type=text]:focus, input[type=password]:focus {
background-color: rgb(241, 229, 155);
outline: none;
}

/* Set a style for all buttons */
button {
background-color: #04AA6D;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
cursor: pointer;
width: 100%;
}
```

```
opacity: 0.9;
}

button:hover {
opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
padding: 14px 20px;
background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
float: left;
width: 50%;
}

/* Add padding to container elements */
.container {
padding: 11px;
}

/* The Modal (background) */
.modal {
display: none; /* Hidden by default */
position: fixed; /* Stay in place */
z-index: 1; /* Sit on top */
left: 0;
top: 0;
width: 100%; /* Full width */
height: 100%; /* Full height */
overflow: auto; /* Enable scroll if needed */
background-color: #474e5d;
padding-top: 50px;
}

/* Modal Content/Box */
.modal-content {
background-color: #fefefe;
margin: 5% auto 15% auto; /* 5% from the top, 15% from the bottom and centered */
border: 1px solid #888;
width: 80%; /* Could be more or less, depending on screen size */
}

/* Style the horizontal ruler */
hr {
border: 1px solid #f1f1f1;
margin-bottom: 10px;
}
```

```
/* The Close Button (x) */
.close {
position: absolute;
right: 35px;
top: 15px;
font-size: 40px;
font-weight: bold;
color: #f1f1f1;
}

.close:hover,
.close:focus {
color: #f44336;
cursor: pointer;
}

/* Clear floats */
.clearfix::after {
content: "";
clear: both;
display: table;
}

/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
.cancelbtn, .signupbtn {
width: 100%;
}
}
```