

Part 1:

Code Review:

- (a) the code snippet, (b) current outcome, (c) desired outcome, and then (d) present a code snippet that would fix the problem and finally, (e) present the new outcome of the code.

a) The code snippet:

```
<h1 id = "header">Khoa Phung</h1>
</center>
<h2 id = header>A summary of me</h2>
  <div id = "gridcontainer">
    <body>
      <div id = "introduce">
        <p> My name is Khoa Phung and I am an international student from
Vietnam.</p>
        <p>I am currently is a first year student of Banchelor of Applied
Computer Science, My student ID is B00918576.<br> I have come to Canada for 5
months since fall term. Although there are many things that I need to learn, I
start to getting used to with most of them. </p>
      </div>
      <!--insert image-->
      <div>
        <img src= "images/RSDalhousie-Aerial-2021-Aug-01-DJI_0358-1200x800-c-
default.jpg"alt = "Dalhousie University" id = "Dalpic">
        <br>
        <a href = "https://www.dal.ca/">Dalhousie University</a>
      </div>
    </body>
  </div>
```

b) Current outcome:

A summary of me

My name is Khoa Phung and I am an international student from Vietnam.

I am currently is a first year student of Banchelor of Applied Computer Science, My student ID is B00918576. I have come to Canada for 5 months since fall term. Although there are many things that I need to learn, I start to getting used to with most of them.



[Dalhousie University](https://www.dalhousie.ca/)

a) The code snippet:

```
b) <div id = "flexcontainer">
c)   <div>
d)     <h2 id ="header1">What I need to do to become game developer</h2>
e)     <hr>
f)   </div>
g)   <div id= "content">
h)   <body>
i)     <p id = "content1">Developers use skills, such as analytical
      thinking, technical knowledge, communication, and creativity to
      succeed in their work.<br>Becoming a developer usually requires a
      university degree or college diploma in computer science, independent
      coding studies, or earning certifications in programming and game
      development.</p>
j)     <p>Moreover, there are couple things I need to do before
      decide to pursuit this career</p>
k)     <ol id ="gamedeveloperlist">
l)       <li id = "content2">Analytical thinking</li>
m)       <ul>
n)         <p><strong> Analytical thinking to identify issues and
            consider multiple solutions.</strong> </p>
o)       </ul>
p)       <li id = "content2">Creativity and problem solving</li>
q)       <ul>
r)         <p><strong> Problem-solving skills help developers
            write innovative code and build novel games with new-level designs and
            strategies.</strong> </p>
s)       </ul>
t)       <li id = "content2">Communication skills</li>
u)       <ul>
```

```

v)      <p><strong>Communication skills assist game developers in
        taking instructions from management and project planners and
        collaborating with designers and 3D modelers.</strong> </p>
w)      </ul>
x)      </ol>
y)      <p>For more details visit <a
        href="https://ca.indeed.com/career-advice/finding-a-job/how-to-become-
        game-developer#:~:text=Developers%20use%20skills%2C%20such%20as,in%20progra
        mming%20and%20game%20development.">How to become game
        developers</a></p>
z)      </body>
aa)     </div>
bb) <hr>
cc) <!-- HEADER 2-->
dd)
ee)     <div id ="h3container">
ff)         <div><h3 id = "h3header">I am working on</h3></div>
gg)
hh)     <div id ="body3">
ii)         <body>
jj)             <ol>
kk)                 <li id ="content2">Studying code as right now, espeacially
                    Java. Because Java is one of the most popular language in the world
                    and it is suitable for game development</li>
ll)                 <li id ="content2">Digging into Unity</li>
mm)                 <li id ="content3">Expand my imagination to create idea
                    for my future games</li>
nn)             </ol>
oo)
pp)         </body>
qq)     </div>
rr) </div>
ss)
tt) <hr>
uu) </div>

```

vv) Current outcome:

What I need to do to become game developer

Developers use skills, such as analytical thinking, technical knowledge, communication, and creativity to succeed in their work. Becoming a developer usually requires a university degree or college diploma in computer science, independent coding studies, or earning certifications in programming and game development.

Moreover, there are couple things I need to do before decide to pursuit this career

1. Analytical thinking

Analytical thinking to identify issues and consider multiple solutions.

2. Creativity and problem solving

Problem-solving skills help developers write innovative code and build novel games with new-level designs and strategies.

3. Communication skills

Communication skills assist game developers in taking instructions from management and project planners and collaborating with designers and 3D modelers.

For more details visit [How to become game developers](#)

I am working on

1. Studying code as right now, espeacially Java. Because Java is one of the most popular language in the world and it is suitable for game development
2. Digging into Unity
3. Expand my imagination to create idea for my future games

c) Desired outcome:

I would like to change the image when user click on the image. This will make my web site more interactive.

d) Present code snippet that will fix the problem:

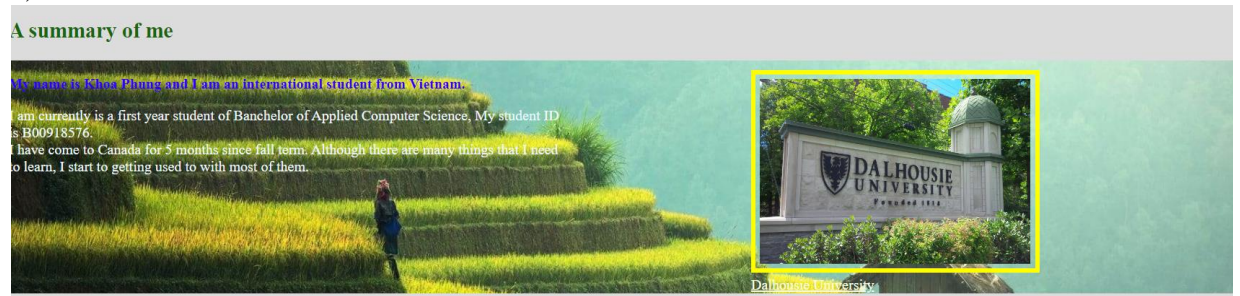
HTML file:

```
<div>  
  <img src= "images/RSDalhousie-Aerial-2021-Aug-01-DJI_0358-1200x800-c-  
default.jpg"alt = "Dalhousie University" id = "Dalpic" onclick="changeImage()">  
  <br>  
  <a href = "https://www.dal.ca/">Dalhousie University</a>  
</div>
```

Javascript file:

```
function changeImage() {
    let image = document.getElementById("Dalpic");
    if(image.src.match("images/RSDalhousie-Aerial-2021-Aug-01-DJI_0358-1200x800-c-
default.jpg"))
    {
        image.src = "images/dalhousie 2.jpg";
    }
    else
    {
        image.src = "images/RSDalhousie-Aerial-2021-Aug-01-DJI_0358-1200x800-c-default.jpg";
    }
}
```

e) Present the new outcome:



c) Desired outcome:

I need to add a feature that increase the size of the text for mobile and tablet users so that they can see more clearly,

d) Present a code snippet that will fix the problem:

HTML file:

```
<div>
<button id = "buttonCount" type = "button" onclick="changeFontSize()">Change size to xx-
large</button>
<button id = "buttonCount" type = "button" onclick = "changeBack()">Change size to
large</button>
</div>
```

Javascript file:

```
function changeFontSize(){
    document.getElementById("content").style.fontSize = "x-large";
    document.getElementById("body3").style.fontSize = "x-large";
}
function changeBack()
```

```
{
  document.getElementById("content").style.fontSize = "large";
  document.getElementById("body3").style.fontSize = "large";
}
```

e) Present the new outcome:

