



Assignment Answer Sheet

Campus	Pretoria	Faculty	IT
Module Code	ITECA	Module Name	
Student Name	Arno Moller		
Student Number	CC96ZRRS5		

Declaration

"I declare that this assignment is my own original work except for source material explicitly acknowledged, and that the same or related material has not been previously, or is being simultaneously, submitted for this or any other course. I also acknowledge that I am aware of the Institution's policy and regulations on honesty in academic work as set out in the Eduvos Conditions of Enrolment, and of the disciplinary guidelines applicable to breaches of such policy and regulations."

Start writing from here.

Question 2

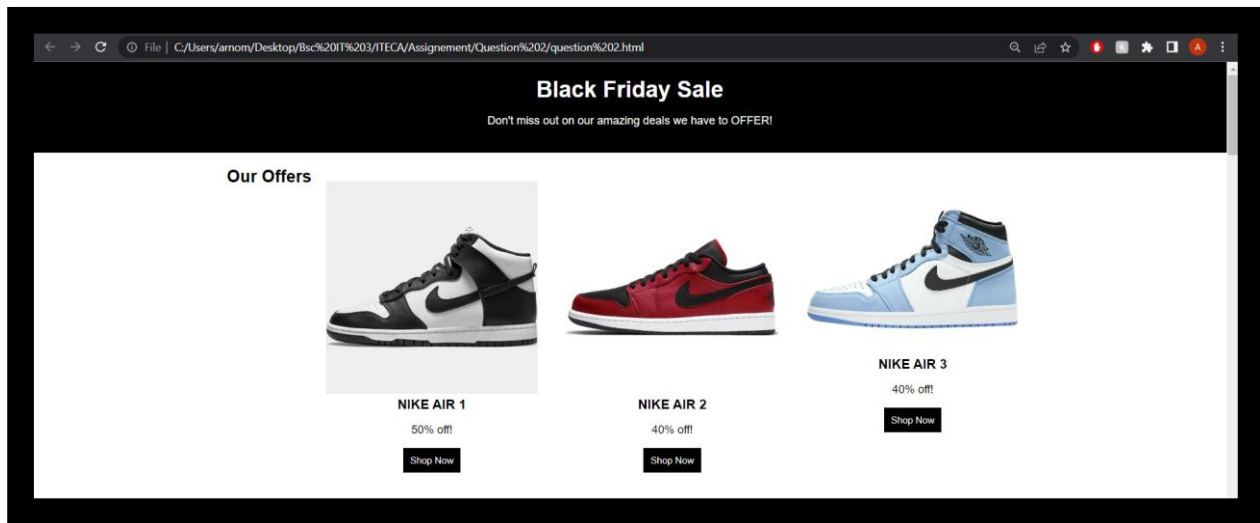


Figure 1 Top of Webpage

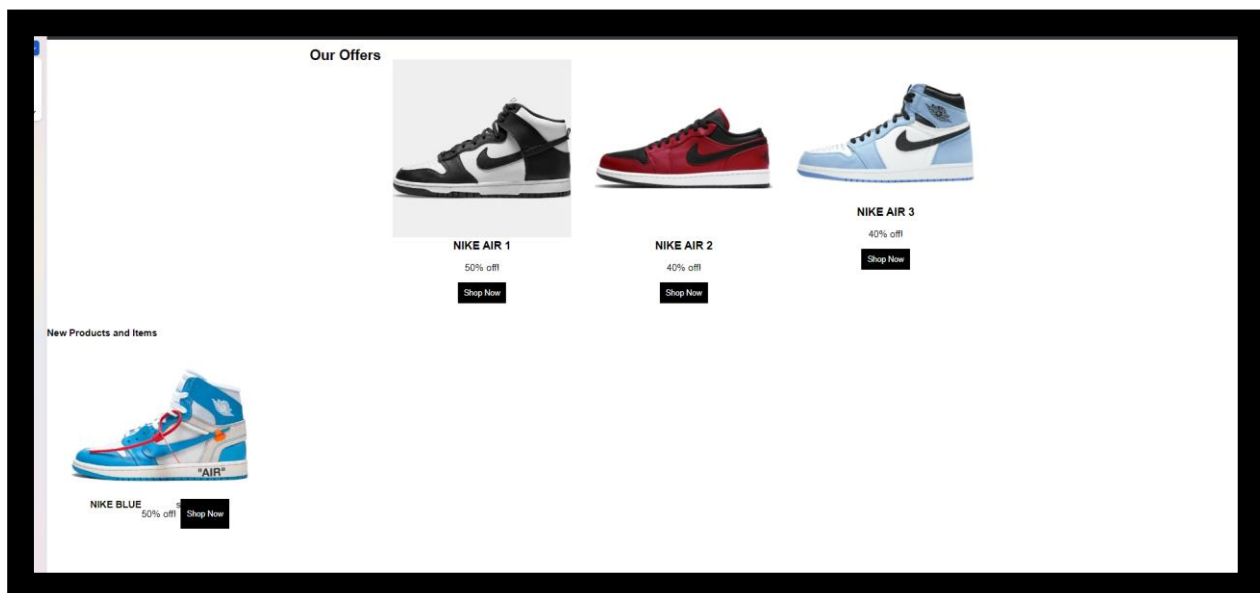


Figure 2 Zoomed out image.

The next images are screenshots of the webpage when scrolling down.

New Products and Items



NIKE BLUE 50% off! [Shop Now](#)



NIKE WHITE 40% off! [Shop Now](#)



NIKE STYLE 25% off! [Shop Now](#)



NIKE SHIRT LOGO 25% off Shop Now



NIKE SHIRT PLAIN 25% off! [Shop Now](#)



NIKE SHIRT TAAN
25% off! [Shop Now](#)



NIKE SHIRT OWL1
25% off! [Shop Now](#)



NIKE SHIRT DIV1
25% off! [Shop Now](#)



NIKE PANT S BLACK
25% off! [Shop Now](#)



NIKE PANT S GREEN
25% off! [Shop Now](#)



NIKE PANTS GREEN
25% off! [Shop Now](#)

Delivery Details

Free shipping on orders over R500 during Black Friday!

HTML and CSS:

<!DOCTYPE html>

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <title>Black Friday</title>
</head>
<body>
  <header>
    <h1>Black Friday Sale</h1>
    <p>Don't miss out on our amazing deals we have to OFFER!</p>
  </header>
  <section class="offers">
    <h2>Our Offers</h2>
    <div class="offer">
      
      <h3>NIKE AIR 1</h3>
      <p>50% off!</p>
      <button>Shop Now</button>
    </div>
    <div class="offer">
      
      <h3>NIKE AIR 2</h3>
      <p>40% off!</p>
      <button>Shop Now</button>
    </div>
    <div class="offer">
      
      <h3>NIKE AIR 3</h3>
      <p>40% off!</p>
      <button>Shop Now</button>
    </div>
  </section>
</body>
</html>

```

```

</section>
<section class= "Products">
<h4>New Products and Items</h4>
  <div class="Product">
    
    <h4>NIKE BLUE</h4>
    <p>50% off!</p>s
    <button>Shop Now</button>
  </div>
  <div class="Product">
    
    <h5>NIKE WHITE</h5>
    <p>40% off!</p>
    <button>Shop Now</button>
  </div>
    <div class="Product">
      
      <h5>NIKE STYLE</h5>
      <p>25% off!</p>
      <br><button>Shop Now</button>

    </div>
      <div class="Product">
        
        <h5>NIKE SHIRT LOGO</h5>
        <p>25% off!</p>
        <br><button>Shop Now</button>

      </div>
        <div class="Product">

```

```

    
    <h5>NIKE SHIRT PLAIN</h5>
    <p>25% off!</p>
    <br><button>Shop Now</button>

</div>
    <div class="Product">
    
    <h5>NIKE SHIRT TAAN</h5>
    <p>25% off!</p>
    <br><button>Shop Now</button>

</div>
</div>
    <div class="Product">
    
    <h5>NIKE SHIRT OWL1</h5>
    <p>25% off!</p>
    <br><button>Shop Now</button>

</div>
    </div>
    <div class="Product">
    
    <h5>NIKE SHIRT DIV1</h5>
    <p>25% off!</p>
    <br><button>Shop Now</button>

</div>
</div>
    <div class="Product">

```

```

    
    <h5>NIKE PANTS BLACK</h5>
    <p>25% off!</p>
    <br><button>Shop Now</button>

</div>
    </div>
    <div class="Product">
        
        <h5>NIKE PANTS GREEN</h5>
        <p>25% off!</p>
        <br><button>Shop Now</button>

</div>

</section>
<section class="delivery">
    <h6>Delivery Details</h6>
    <p>Free shipping on orders over R500 during Black Friday!</p>
</section>
</body>
</html>

```

CSS

```

body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
}

```

```

h1, h2, h3, h4, h5, h6, h7 {
    margin: 0;
}

```



```
padding: 0;
}
```

```
button {
  background-color: #000;
  color: #fff;
  border: none;
  padding: 10px;
  cursor: pointer;
}
```

```
/* Header */
header {
  background-color: #000;
  color: #fff;
  padding: 20px;
  text-align: center;
}
```

```
/* Offers */
.offers {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
  padding: 20px;
}
```

```
.offer {
  width: 100%;
  max-width: 300px;
  margin: 20px;
  text-align: center;
}
```

```
.offer img {
```

```
width: 100%;
height: auto;
}
/* Products */
.Product {
display: flex;
flex-wrap: wrap;
justify-content: center;
padding: 20px;
}

.Product {
width: 100%;
max-width: 300px;
margin: 20px;
text-align: center;
}

.Product img {
width: 100%;
height: auto;
}

/* Delivery */
.delivery {
background-color: #eee;
padding: 20px;
text-align: center;
}

@media (min-width: 768px) {
.offers {
flex-wrap: nowrap;
}
}
```

```
C:\Users\arnom\Desktop\Bsc IT 3\ITECA\Assignment\Question 2\question 2.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
question 2.html x styles.css x
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <link rel="stylesheet" href="styles.css">
7 <title>Black Friday</title>
8 </head>
9 <body>
10 <header>
11 <h1>Black Friday Sale</h1>
12 <p>Don't miss out on our amazing deals we have to OFFER!</p>
13 </header>
14 <section class="offers">
15 <h2>Our Offers</h2>
16 <div class="offer">
17 
18 <h3>NIKE AIR 1</h3>
19 <p>50% off!</p>
20 <button>Shop Now</button>
21 </div>
22 <div class="offer">
23 
24 <h3>NIKE AIR 2</h3>
25 <p>40% off!</p>
26 <button>Shop Now</button>
27 </div>
28 <div class="offer">
29 
30 <h3>NIKE AIR 3</h3>
31 <p>40% off!</p>
32 <button>Shop Now</button>
```

Figure 3 HTML AND CSS Coding

```

styles.css*  + X
1 body {
2   font-family: Arial, sans-serif;
3   margin: 0;
4   padding: 0;
5 }
6
7 h1, h2, h3, h4, h5, h6, h7 {
8   margin: 0;
9   padding: 0;
10 }
11
12 button {
13   background-color: #000;
14   color: #fff;
15   border: none;
16   padding: 10px;
17   cursor: pointer;
18 }
19
20 /* Header */
21 header {
22   background-color: #000;
23   color: #fff;
24   padding: 20px;
25   text-align: center;
26 }
27
28 /* Offers */
29 .offers {
30   display: flex;
31   flex-wrap: wrap;
32   justify-content: center;
33   padding: 20px;
34 }
35
36 .offer {
37   width: 100%;
38   max-width: 300px;
39   margin: 20px;
40   text-align: center;
41 }
42
43 .offer img {
44   width: 100%;
45   height: auto;
46 }
47
48 /* Products */
49 .Product {
50   display: flex;
51   flex-wrap: wrap;
52   justify-content: center;
53   padding: 20px;
54 }
55
56 .Product {
57   width: 100%;
58   max-width: 300px;
59   margin: 20px;
60   text-align: center;
61 }
62
63 .Product img {
64   width: 100%;
65   height: auto;
66 }
67
68 /* Delivery */
69 .delivery {
70   background-color: #eee;
71   padding: 20px;
72   text-align: center;
73 }
74
75 @media (min-width: 768px) {
76   .offers {
77     flex-wrap: nowrap;
78   }
79 }

```

Bibliography

- Clifford Stein , Robert Drysdale, Kenneth Bogart. (2011). *Discrete Mathematics for computer scientists* . United states of America: Pearson Education.
- Gaddis, T. (2013). *Starting out with Programming Logic & Design*. United states: Pearson Education.
- Hagarty, R. (2002). *Discrete Mathematics for computing*. Malaysia: Pearson Education limited.
- Kolman, B. (1997). *Introductou Linear Algebra with applications*. New Yersey: Prentice -Hall, Inc.

RichardJohnsonbaugh. (2009). *Discrete Mathematics*. United states of America: Pearson Education.

Laudon, K. and Traver, C. 2020. E-Commerce 2020-2021: Business. Technology and Society, Global Edition, 17th Edition. Pearson UK

Nixon, R. 2021. Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5. 6th edition. O'Reilly Media, Inc.

Nixon, R. 2015. Learning PHP, MySQL & JavaScript: With jQuery, CSS & HTML5. 4th Edition. O'Reilly Media, Sebastopol.

Schneider, G.P. 2017. Electronic commerce. 12th Edition. Cengage Learning, Boston

Afuah, A. and Tucci, C.L. 2000. Internet business models and strategies. 2nd edition. Pretoria: University of Pretoria.

Andersson, E.A., Greenspun, P. and Grumet, A. 2006. Software engineering for Internet applications. Cambridge: MIT Press.

Campbell, B. and Darnell, R. 1997. Teach yourself dynamic HTML in a week. Indianapolis: SAMS.

Chaffey, D. 2002. E-business and e-commerce management: strategy implementation and practice. 3rd edition. England: Pearson Education.

Deitel, H.M.; Deitel, P.J. and Nieto, T.R. 2001. E-business and e-commerce: how to program. New Jersey: Prentice Hall.

Laudon, K.C. and Traver, C.G. 2013. E-commerce 2014. New York: Prentice Hall.

Turban, E., King, D.R. and Lang, J. 2009. Introduction to e-commerce. New Jersey: Prentice Hall.

Ullman, L. 2014. PHP and MySQL for dynamic websites: Visual QuickPro guide. Berkeley: Peachpit Press.

Welling, L and Thomson, L. 2017. PHP and MySQL Web Development. Addison-Wesley Professional.

Complete Full Stack Website Development PHP. 2021. [Online] Available at: https://www.youtube.com/watch?embed=no&v=jrYUUKh_IKq. [Accessed: 13 December 2022]

HTML Forms and PHP. 2021. [Online] Available at: <https://www.youtube.com/watch?embed=no&v=2HVKizgcfjo>. [Accessed: 13 December 2022].