

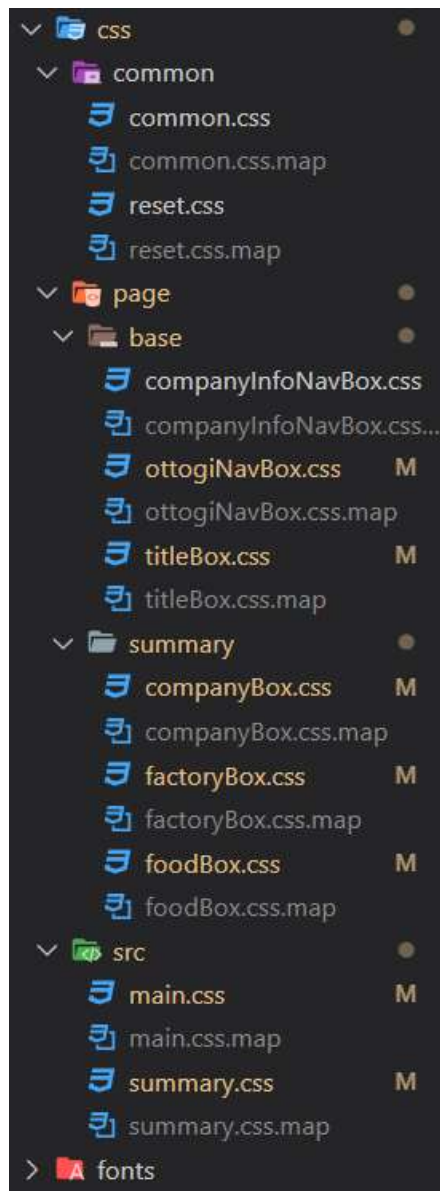
# NCS능력단위평가 결과물제출

|       |            |
|-------|------------|
| 능력단위명 | UI 구현      |
| 성 명   | 이채윤        |
| 제출일자  | 2021-12-16 |

문항1

이채운

## 01. 반응형 웹 코딩 - 전체 파일문서구조



# 01. 반응형 웹 코딩 – 메인페이지 validator

## Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for contents of text-input area

Checker Input

Show ☒ source ☒ outline ☐ image report

Check by  ☐ css

```
<!DOCTYPE html>
<!-- main.html -->
<html lang="ko-KR" class="no-js">
<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">

  <link rel="stylesheet" href="../../fonts/fontawesome/css/all.min.css">
  <link rel="stylesheet" href="../../css/common/reset.css">
  <link rel="stylesheet" href="../../css/common/common.css">
  <link rel="stylesheet" href="../../css/src/main.css">
  <script src="../../js/common/modernizr-custom.js"></script>
<title>오뚜기</title>
<link rel="shortcut icon" href="../../multi/img/favicon.png" type="image/png">
```

Use the Message Filtering button below to display options for hiding/showing particular messages, and to see total counts of errors and warnings.

Document checking completed. No errors or warnings to show.



## W3C CSS 검사 서비스

W3C CSS 검사 결과 TextArea (CSS 레벨 3 + SVG)

이동: 경고 (1) 검사 된 CSS

### W3C CSS 검사 결과 TextArea (CSS 레벨 3 + SVG)

축하합니다! 발견된 오류가 없습니다.

이 문서는 다음 형식으로 검사되었습니다: [CSS 레벨 3 + SVG](#) !

방문자들에게 상호 호환성이 있는 웹 페이지를 고려한 웹 페이지를 작성한 것을 알리기 위해, 검증된 웹 페이지에서 이 아이콘을 표시할 수 있습니다. 아래 XHTML 코드를 이용하여 아이콘을 웹 페이지에 추가할 수 있습니다:

### URI : TextArea

1523

background-color 와 color 는 같은 색상

1523 : background-color와 color가 다르지만 같다는 오류가 뜸

## 01. 반응형 웹 코딩 – 메인 페이지 – 코딩내용

(사이즈: 320px -모바일)

```

<header id="headBox">
  <div class="head_inner">
    <h1><a href="./main.html"><span>ottogi</span></a></h1>

    <nav class="unb_area">
      <h2 class="blind">언어설정</h2>
      <div class="unb_btn">
        <button type="button"><span>언어</span></button>
      </div>
      <ul class="unb_list">
        <li><a href="./main.html">한국어</a></li>
        <li><a href="#">english</a></li>
      </ul>
    </nav><!-- unb_area -->

    <nav class="gnb_area">
      <h2 class="blind">전체메뉴</h2>
      <div class="gnb_btn">
        <button type="button"><span>메뉴</span></button>
      </div>
      <ul>
        <li>
          <div class="gnb_title"><a href="#">회사소개</a></div>
          <ul class="gnb_list">
            <li><a href="./summary.html">(주)오투기</a></li>
            <li><a href="#">지속가능경영</a></li>
            <li><a href="#">인재 채용</a></li>
          </ul>
        </li>
      </ul>
    </nav>
  </div>
</header>

```

```

@include mobile {
  #headBox {
    width: 100%; @include remUnit(height, 100); padding-top: 19px;
    background-color: $color_ottogi_yellow; box-sizing: border-box;
  }
  .head_inner {
    position: relative; margin: auto; min-width: 270px; max-width: 1000px; height: 62px;
    padding: { left: 50px; right: 50px; };
  }
  h1 {
    position: absolute; top: 0; left: 0; right: 0; margin: auto; width: 64px; height: 62px;
    a { display: block; width: 100%; height: 100%; @include img('logo_pc.png', $size: cover); }
  }
  .gnb_area {
    width: 100%; height: 100%;
    & > ul {
      display: none; position: absolute; top: 81px; left: 0; z-index: 10;
      width: 100%; height: 438px; background-color: $color_ottogi_red;
      & > li {
        width: 100%; height: 74px; border-bottom: 1px solid $color_white;
        font-size: 24px; color: $color_white; line-height: 72px; text-indent: 8px;
        &:last-child { border-bottom: 0; }
      } // li
    } // ul
  } // gnb_area
  .gnb_btn {
    position: absolute; top: 50%; left: 50%; transform: translateY(-50%);
    width: 34px; height: 26px;
    > button { width: 100%; height: 100%; @include img('gnb_menu.png', $size: cover); }
  } // .gnb_btn
  .gnb_btn:hover + ul { display: block; }
  .gnb_title {
    width: 100%; height: 72px;
  }
}

```

## 01. 반응형 웹 코딩 – 메인 페이지 – 코딩내용

(사이즈: 768px –tablet-v)

```
<header id="headBox">
  <div class="head_inner">
    <h1><a href="./main.html"><span>ottogi</span></a></h1>

    <nav class="unb_area">
      <h2 class="blind">언어설정</h2>
      <div class="unb_btn">
        <button type="button"><span>언어</span></button>
      </div>
      <ul class="unb_list">
        <li><a href="./main.html">한국어</a></li>
        <li><a href="#">english</a></li>
      </ul>
    </nav><!-- unb_area -->

    <nav class="gnb_area">
      <h2 class="blind">전체메뉴</h2>
      <div class="gnb_btn">
        <button type="button"><span>메뉴</span></button>
      </div>
      <ul>
        <li>
          <div class="gnb_title"><a href="#">회사소개</a></div>
          <ul class="gnb_list">
            <li><a href="./summary.html">(주)오투기</a></li>
            <li><a href="#">지속가능경영</a></li>
            <li><a href="#">인재 채용</a></li>
          </ul>
        </li>
      </ul>
    </nav>
  </div>
</header>
```

```
@include tablet {
  #headBox {
    width: 100%; @include remUnit(height, 100); padding-top: 19px;
    background-color: $color_ottogi_yellow; box-sizing: border-box;
  }
  .head_inner {
    position: relative; margin: auto; min-width: 270px; max-width: 1000px; height: 62px;
    padding: { left: 50px; right: 50px; };
  }
  h1 {
    position: absolute; top: 0; left: 0; right: 0; margin: auto; width: 64px; height: 62px;
    a { display: block; width: 100%; height: 100%; @include img('logo_pc.png', $size: cover); }
  }
  .gnb_area {
    width: 100%; height: 100%;
    & > ul {
      display: none; position: absolute; top: 81px; left: 0; z-index: 10;
      width: 100%; height: 438px; background-color: $color_ottogi_red;
      & > li {
        width: 100%; height: 74px; border-bottom: 1px solid $color_white;
        font-size: 24px; color: $color_white; line-height: 72px; text-indent: 8px;
        &:last-child { border-bottom: 0; }
      } // li
    } // ul
  } // gnb_area
  .gnb_btn {
    position: absolute; top: 50%; left: 50%; transform: translateY(-50%);
    width: 34px; height: 26px;
    > button { width: 100%; height: 100%; @include img('gnb_menu.png', $size: cover); }
  } // .gnb_btn
  .gnb_btn:hover + ul { display: block; }
```



## 01. 반응형 웹 코딩 - 메인 페이지 - 코딩내용

(사이즈: 1280px -tablet-h)

```
<header id="headBox">
  <div class="head_inner">
    <h1><a href="./main.html"><span>ottogi</span></a></h1>

    <nav class="unb_area">
      <h2 class="blind">언어설정</h2>
      <div class="unb_btn">
        <button type="button"><span>언어</span></button>
      </div>
      <ul class="unb_list">
        <li><a href="./main.html">한국어</a></li>
        <li><a href="#">english</a></li>
      </ul>
    </nav><!-- unb_area -->

  <nav class="gnb_area">
    <h2 class="blind">전체메뉴</h2>
    <div class="gnb_btn">
      <button type="button"><span>메뉴</span></button>
    </div>
    <ul>
      <li>
        <div class="gnb_title"><a href="#">회사소개</a></div>
        <ul class="gnb_list">
          <li><a href="./summary.html">(주)오투기</a></li>
          <li><a href="#">지속가능경영</a></li>
          <li><a href="#">인재 채용</a></li>
        </ul>
      </li>
    </ul>
  </nav>
</header>
```

```
@include laptop {
#headBox {
width: 100%; @include remUnit(height, 260); padding-top: 48px;
background-color: $color_ottogi_yellow; box-sizing: border-box;
}

.head_inner {
position: relative; margin: auto; width: 946px; min-width: 270px; max-width: 1000px; height: 212px;
padding: { left: 50px; right: 50px; };
}

h1 {
position: absolute; top: 0; left: 0; right: 0; margin: auto; width: 128px; height: 124px;
a { display: block; width: 100%; height: 100%; @include img('logo_pc.png', $size: cover); }
}

.gnb_area { width: 100%; height: 100%;
& > ul {
position: absolute; bottom: 0; right: 0; width: 100%; height: 52px;
& > li {
float: left; position: relative; width: (100%/6); height: auto; box-sizing: border-box;
&:after, &::after {
content: ""; display: block;
position: absolute; top: 0; bottom: 0; right: 0; margin: auto;
width: 0; height: 20px; border-right: 1px solid $color_black;
}
&:last-child:after, &:last-child::after { display: none; }
} // li
} // ul
} // gnb_area

.gnb_area: hover .gnb_list { display: block; }
.gnb_btn { display: none; }
.gnb_title {
width: 100%; height: 52px;
a {
display: block; width: 100%; height: 100%; text-align: center; line-height: 52px;

```

## 01. 반응형 웹 코딩 – 메인 페이지 – 코딩내용

(사이즈: 1440px –laptop)

```

<header id="headBox">
  <div class="head_inner">
    <h1><a href="./main.html"><span>ottogi</span></a></h1>

    <nav class="unb_area">
      <h2 class="blind">언어설정</h2>
      <div class="unb_btn">
        <button type="button"><span>언어</span></button>
      </div>
      <ul class="unb_list">
        <li><a href="./main.html">한국어</a></li>
        <li><a href="#">english</a></li>
      </ul>
    </nav><!-- unb_area -->

    <nav class="gnb_area">
      <h2 class="blind">전체메뉴</h2>
      <div class="gnb_btn">
        <button type="button"><span>메뉴</span></button>
      </div>
      <ul>
        <li>
          <div class="gnb_title"><a href="#">회사소개</a></div>
          <ul class="gnb_list">
            <li><a href="./summary.html">(주)오투기</a></li>
            <li><a href="#">지속가능경영</a></li>
            <li><a href="#">인재 채용</a></li>
          </ul>
        </li>
      </ul>
    </nav>
  </div>
</header>

```

```

@include pc {
  #headBox {
    width: 100%; @include remUnit(height, 260); padding-top: 48px;
    background-color: $color_ottogi_yellow; box-sizing: border-box;
  }
  .head_inner {
    position: relative; margin: auto; width: 946px; min-width: 270px; max-width: 1000px; height: 212px;
    padding: { left: 50px; right: 50px; };
  }
  h1 {
    position: absolute; top: 0; left: 0; right: 0; margin: auto; width: 128px; height: 124px;
    a { display: block; width: 100%; height: 100%; @include img('logo_pc.png', $size: cover); }
  }
  .gnb_area { width: 100%; height: 100%;
    & > ul {
      position: absolute; bottom: 0; right: 0; width: 100%; height: 52px;
      & > li {
        float: left; position: relative; width: (100%/6); height: auto; box-sizing: border-box;
        &:after, &::after {
          content: ""; display: block;
          position: absolute; top: 0; bottom: 0; right: 0; margin: auto;
          width: 0; height: 20px; border-right: 1px solid $color_black;
        }
        &:last-child:after, &:last-child::after { display: none; }
      } // li
    } // ul
  } // gnb_area
  .gnb_area: hover .gnb_list { display: block; }
  .gnb_btn { display: none; }
  .gnb_title {
    width: 100%; height: 52px;
  }
}

```

01. 반응형 웹 코딩 – 서브페이지 validator

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for contents of text-input area

Checker Input

Show ☒ source ☒ outline ☐ image report

Check by  ☒ CSS

```
<!DOCTYPE html>
<!-- summary.html -->
<html lang="ko-KR" class="no-js">
<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">

  <link rel="stylesheet" href="../fonts/fontawesome/css/all.min.css">
  <link rel="stylesheet" href="../css/common/reset.css">
  <link rel="stylesheet" href="../css/common/common.css">
  <link rel="stylesheet" href="../css/src/summary.css">
  <script src="../js/common/modernizr-custom.js"></script>
  <title>오뚜기 | 회사개요</title>
  <link rel="shortcut icon" href="../multi/img/favicon.png" type="image/png">
```

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Document checking completed. No errors or warnings to show.

 W3C CSS 검사 서비스

W3C CSS 검사 결과 TextArea (CSS 레벨 3 + SVG)

이동: [검사 된 CSS](#)

W3C CSS 검사 결과 TextArea (CSS 레벨 3 + SVG)

축하합니다! 발견된 오류가 없습니다.

이 문서는 다음 형식으로 검사되었습니다: [CSS 레벨 3 + SVG](#) !

방문자들에게 상호 호환성이 있는 웹 페이지를 고려한 웹 페이지를 작성한 것을 알리기 위해, 검증된 웹 페이지에서 이 아이콘을 표시할 수 있습니다. 아래



## 01. 반응형 웹 코딩 - 서브 페이지 - 코딩내용

(사이즈: 320px -모바일)

```

<article id="foodBox">
  <div class="food_inner">
    <div class="food_title">
      <h2 class="blind">제품 안내</h2>
      <em>맛있는 식품은 신선한 원료에서</em>
    </div>
    <ul class="food_con_area">
      <li class="food_con">
        <div class="food_img"><span>이미지 삽입</span></div>
        <dl>
          <dt>&num;오뚜기 3분요리</dt>
          <dd>신선한 육류와 야채를 사용하여</dd>
          <dd>바쁜 현대인들에게 영양을 공급합니다.</dd>
        </dl>
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
    </ul>
  </div>
</article><!-- #foodBox -->

```

```
$imgPath:'../../multi/img/sub/';
```

```

@include mobile {
  #foodBox { width: 100%; height: 700px; padding-top: 78px; background-color: $color_white; }
  .food_inner { width: 300px; height: 550px; margin:auto; }
  .food_title { width: 100%; height: auto; margin-bottom: 70px; text-align: center;
    em { font-size: 24px; font-weight: bold; @include title_line(); word-break: keep-all; }
  }
  .food_con_area { width: 300px; height: 458px;
    li {
      position:relative; float:none; width: 100%; height: 106px; margin-right: 0; margin-bottom: 10px;
      &:nth-of-type(5), &:nth-of-type(6) { display: none; }
      .food_img { width: 100%; height: 100%; border-radius: 8px; filter:brightness(40%); @include img('foodBox.png',$size:cover); }
      dl { position:absolute; top: 5px; left: 10px; width: 100%; height: 100%; padding: 10px 0; color:$color_white; }
      dt { width: 100%; height: auto; margin-bottom: 6px; }
      dd { width: 100%; height: auto; }
    }
  }
}

```

## 01. 반응형 웹 코딩 – 서브 페이지 – 코딩내용

(사이즈: 768px –tablet-v)

```
<article id="foodBox">
  <div class="food_inner">
    <div class="food_title">
      <h2 class="blind">제품 안내</h2>
      <em>맛있는 식품은 신선한 원료에서</em>
    </div>
    <ul class="food_con_area">
      <li class="food_con">
        <div class="food_img"><span>이미지 삽입</span></div>
        <dl>
          <dt>&num; 오투기 3분요리</dt>
          <dd>신선한 육류와 야채를 사용하여</dd>
          <dd>바쁜 현대인들에게 영양을 공급합니다.</dd>
        </dl>
      </li>
      <li class="food_con"> ...
      </li>
      <li class="food_con"> ...
      </li>
      <li class="food_con"> ...
      </li>
      <li class="food_con"> ...
      </li>
      <li class="food_con"> ...
      </li>
    </ul>
  </div>
</article><!-- #foodBox -->
```

```
@include tablet {
  #foodBox { width: 100%; height: 1250px; padding-top: 78px; background-color: $color_white; }
  .food_inner { width: 620px; height: 1105px; margin:auto; }
  .food_title { width: 100%; height: auto; margin-bottom: 70px; text-align: center;
    em { font-size:36px; font-weight: bold; @include title_line(); word-break: keep-all; }
  }
  .food_con_area { width: 620px; height: 970px;
    li {
      float:left; width: 300px; height: 300px; margin-right: 20px; margin-bottom: 60px;
      &:nth-child(2n) { margin-right: 0; }
      .food_img { width: 300px; height: 218px; @include img('foodBox.png',$size:cover); }
      dl { width: 100%; height: 82px; padding: 10px 0; }
      dt { width: 100%; height: auto; margin-bottom: 6px; }
      dd { width: 100%; height: auto; }
    }// li
  }// food_con_area
}// tablet
```

## 01. 반응형 웹 코딩 - 서브 페이지 - 코딩내용

(사이즈: 1280px -tablet-h)

```

<article id="foodBox">
  <div class="food_inner">
    <div class="food_title">
      <h2 class="blind">제품 안내</h2>
      <em>맛있는 식품은 신선한 원료에서</em>
    </div>
    <ul class="food_con_area">
      <li class="food_con">
        <div class="food_img"><span>이미지 삽입</span></div>
        <dl>
          <dt>&num; 오투기 3분요리</dt>
          <dd>신선한 육류와 야채를 사용하여</dd>
          <dd>바쁜 현대인들에게 영양을 공급합니다.</dd>
        </dl>
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
      <li class="food_con">...
      </li>
    </ul>
  </div>
</article><!-- #foodBox -->

```

```

@include laptop {
  #foodBox { width: 100%; height: 938px; padding-top: 78px; background-color: $color_white; }
  .food_inner { width: 940px; height: 764px; margin: auto; }
  .food_title { width: 100%; height: auto; margin-bottom: 70px; text-align: center;
    em { font-size: 36px; font-weight: bold; @include title_line(); word-break: keep-all; }
  }
  .food_con_area { width: 940px; height: 660px;
    li {
      float: left; width: 300px; height: 300px; margin-right: 20px; margin-bottom: 60px;
      &:nth-child(3n) { margin-right: 0; }
      .food_img { width: 300px; height: 218px; @include img('foodBox.png', $size: cover); }
      dl { width: 100%; height: 82px; padding: 10px 0; }
      dt { width: 100%; height: auto; margin-bottom: 6px; }
      dd { width: 100%; height: auto; }
    } // li
  } // food_con_area
} // laptop

```



## 01. 반응형 웹 코딩 - 서브 페이지 - 코딩내용

(사이즈: 1440px -laptop)

```
<article id="foodBox">
  <div class="food_inner">
    <div class="food_title">
      <h2 class="blind">제품 안내</h2>
      <em>맛있는 식품은 신선한 원료에서</em>
    </div>
    <ul class="food_con_area">
      <li class="food_con">
        <div class="food_img"><span>이미지 삽입</span></div>
        <dl>
          <dt>&num; 오투기 3분요리</dt>
          <dd>신선한 육류와 야채를 사용하여</dd>
          <dd>바쁜 현대인들에게 영양을 공급합니다.</dd>
        </dl>
      </li>
      <li class="food_con">...
      <li class="food_con">...
      <li class="food_con">...
      <li class="food_con">...
      <li class="food_con">...
      <li class="food_con">...
    </ul>
  </div>
</article><!-- #foodBox -->
```

```
@include pc {
  #foodBox { width: 100%; height: 938px; padding-top: 78px; background-color: $color_white; }
  .food_inner { width: 940px; height: 764px; margin:auto; }
  .food_title { width: 100%; height: auto; margin-bottom: 70px; text-align: center;
    em { font-size:36px; font-weight: bold; @include title_line(); word-break: keep-all; }
  }
  .food_con_area { width: 940px; height: 660px;
    li {
      float:left; width: 300px; height: 300px; margin-right: 20px; margin-bottom: 60px;
      &:nth-child(3n) { margin-right: 0; }
      .food_img { width: 300px; height: 218px; @include img('foodBox.png',$size:cover); }
      dl { width: 100%; height: 82px; padding: 10px 0; }
      dt { width: 100%; height: auto; margin-bottom: 6px; }
      dd { width: 100%; height: auto; }
    }// li
  }// food_con_area
}// pc
```