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/*  Programming for Design
    Project 2 - Book Information Website
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*/

//  For the group - Keir Herbert, Michael Coward, & Sujith Kumar.

main();

async function main() {                                         //  Create the asynchronous function allowing the 'await' keyword to be used.

    const tableOfBooks = document.getElementById("tableBody");  //  Create a constant which points to the HTML table element's ID.
    var bookDetails = [];                                       //  Dimension an array to hold all of the book's details.
    var movieDetails = [];                                      //  Dimension an array to hold all of the movie's details.

    for (index = 0; index < isbnlist.length; index++) {         //  Setup an array index and loop until reaching the end of the ISBN array. Increment the index
with each pass.

        let book = new bookDetail(isbnlist[index], "M");        //  Create a variable to hold all of the object data to be collected by getDetail.
        await book.getDetail();                                 //  Wait to collect all of the book details but don't tie up the CPU.
        bookDetails.push(book);                                 //  Push the collected details into the new array.

        let movie = new movieInfo(book.getTitle());             //  Create a variable to hold all of the object data to be collected by getInfo.
        await movie.getInfo();                                  //  Wait to collect all of the movie info but don't tie up the CPU.
        console.log(movie.getMovieTitle());
        movieDetails.push(movie);                               //  Push the collected details into the new array;
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        let row = tableOfBooks.insertRow();                     //  Insert a new row into the HTML table and link it to variable 'row'.
        let cover = row.insertCell(0);                          //  Insert a new cell into the row at column 0 and link it to variable 'cover'.
        let title = row.insertCell(1);                          //  Insert a new cell into the row at column 1 and link it to variable 'title'.
        let author = row.insertCell(2);                         //  Insert a new cell into the row at column 2 and link it to variable 'author'.
        let publisher = row.insertCell(3);                      //  Insert a new cell into the row at column 3 and link it to variable 'publisher'.
        let publishDate = row.insertCell(4);                    //  Insert a new cell into the row at column 4 and link it to variable 'publishDate'.
        let pageCount = row.insertCell(5);                      //  Insert a new cell into the row at column 5 and link it to variable 'pageCount'.
        let filmTV = row.insertCell(6);                         //  Insert a new cell into the row at column 6 and link it to variable 'filmTV'.
        filmTV.href = "http://google.com";

        cover.innerHTML = book.cover();                         //  Place the book cover image into the cell called 'cover'.
        title.innerHTML = book.getTitle();                      //  Place the book title into the cell called 'title'.
        author.innerHTML = book.getAuthor();                    //  Place the author into the cell called 'author'.
        publisher.innerHTML = book.getPublisher();              //  Place the publisher into the cell called 'publisher'.
        publishDate.innerHTML = book.getPublishedDate();        //  Place the date of publication into the cell called 'publishDate'.
        pageCount.innerHTML = book.getPageCount();              //  Place the page count into the cell called 'pageCount'
        filmTV.innerHTML = movie.getMovieTitle();               //  Place the possible movie connection into the cell called 'filmTV'.
    }
}
```