Computer Program Solutions

Question 5

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# Test Cases:

## Case 1:

If the user runs the program, the program will prompt them with an input:

A screenshot of a computer

Description automatically generated

If the user chooses an input within the program’s range (1-3), they will then continue through the system.

A black text on a white background

Description automatically generated A black text on a white background

Description automatically generated

A black and white text

Description automatically generated

If the user selects an input that is not within the range and that is not an integer, they will be presented with the following:

A white screen with black text

Description automatically generated A white screen with black text

Description automatically generated

The last input result is involved with the input of Strings, as the program rejects Strings and produces corresponding exception errors due to their entries.s

A screenshot of a computer code

Description automatically generated

To resolve any issues or errors, simply re-click the Run button and users will be given the program’s beginning for the proper input.

## Case 2:

After the shift, the user will then need to select the hours, below is the results of each outcome:

**Below the Base range:**

A white background with black text

Description automatically generated



**Within the Base range:**



**Above the Base range:**



## Case 3:

If the user’s input for the hours is not a valid integer, the following will be displayed:

A screen shot of a computer code

Description automatically generated

The program is designed to work with integers only, therefore, if a String or any other data type is entered, the above will display. This is known as an Exception error.

# Feedback:

* Ensure all documents are up to date and that research is documented according to their respective sections.
* Ensure costs and resources are accounted for in their respective documents of validation and evaluation.
* Ensure that diagrams and charts are accurate and represent system design correctly.