

5. Calculator

Student learning outcomes

- Students will create a form to perform a mathematical calculation on user-supplied data.
- Students will learn how to use the select (menu) widget.

Real world applications:

- Students will explore how different user interfaces can make a page more useful.

Assignment requirements:

- This page has a basic form where users can enter two operands and an operator.
- Use the select (menu) widget to prevent user errors and make the form easier to use.
- HTML elements used:
 - Input text
 - Input submit
 - Select
 - Option
- JavaScript concepts:
 - getElementById
 - onclick
 - Input field value
 - switch statement
 - break statement
 - default statement
 - NaN
 - isNaN() function
- User interface concepts:
 - Displaying an appropriate error message
 - Preventing errors when possible

Calculator

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