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## Control Structures

1. Explain when it is suitable to use the following repetition control structure;
   * 1. For loop

It is suitable to use when you know the precise number of times to repeat a certain block of code. It provides an organized way to iterate over a range of values or elements.

* + 1. While loop

It is suitable when you want to execute a block of code repeatedly as long as a certain condition is true.

* + 1. Do while loop

It is suitable when you repeatedly prompt the user for input until they provide valid data as this ensures that the code inside the loop executes at least once, allowing for immediate feedback or error messages before re prompting for input.

1. Explain the difference between While loop and Do while loop

The main difference between a while loop and Do while loop is that Do while loop executes the code block at least once before checking the condition ,while the while loop checks the condition first before executing the code.