

# Writing Assignment 1

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## 1 INTRODUCTION

### *1.1 Processes*

The explicit purpose of computers is to execute sets of instructions, called programs. As computers have increased in power and speed, the complexity and number of these programs has also increased. A simple program could count to the number ten, printing out each number along the way, then stop. The resources needed for a computer to execute this program would be minimal (barring any fancy recursion), and has only one explicit process: to count numbers. However, a more complex example would be a program that receives user input, performs extensive calculations, updates a database, and returns a result to the user. This type of program would be more aptly classified as a computer application, in that it contains many different components and processes, versus just counting numbers.