SIT102 – Introduction to Programming

Answers for 1.2P Shape Drawing

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Question 1: What are **clear_screen(…), fill_rectangle(…), write_line(…)** examples of?
What kind of artefact are they?

> clear_screen(), fill_rectangle() and write_line() are examples of procedures that contain instructions for the computer to execute.

Question 2: What is the name of the statement (action) used to run the code in **clear_screen(…)**, **fill_rectangle(…)**, or **write_line**?

> The name of the statement is called a sequence.

Question 3: In what order will the computer run the instructions in your code? Where do these instructions start from?

> Instructions begin from the top of the source code all the way to the bottom.

Question 4: Why do we create procedures? What are the advantages of doing this? How will this helps make it easier to build larger programs?

> We create procedures in order to group code which can then be used in conjunction with one-another to build large programs. When we create procedures that contain code, we can use them in other procedures until we have the basic building blocks needed to put the program together.