# SIT102 – Introduction to Programming

# Answers for 1.1P Hello World

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Question 1: How intelligent is your computer? How does that impact the creation of software?

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| A computer is only as intelligent as the user programs it to be. A computer needs someone to give it instructions most of the time for it to function |
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Question 2: What does a compiler do? Why is it needed?

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| A compiler converts a programmer’s source code into machine code. It is needed for converting code written in a programming language to machine code so that the computer can execute it. |
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Question 3: How does the **cd** command help when using the Terminal?

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| The Cd command stands for change directory. It lets the user navigate a folder hierarchy in their terminal to get to files on their computer. |
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Question 4: “skm clang++ program.cpp -o HellloWorld” – What does this command do, and what do the different parts mean?

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| This command gets Splashkit to use the C++ compiler to compile the program.cpp file and output an executable file called HelloWorld. |
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Question 5: What grade are you going to aim for, and why?

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| I am going for a high distinction because I believe learning to program is going to be one of the most fundamental skills of my career, so it is therefore important that I learn to do it as best as I can. In addition to this, programming is one of my favourite areas of I.T. |
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