

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?

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

Question 2: What does a compiler do? Why is it needed?

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.

Question 3: How does the **cd** command help when using the Terminal?

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.

Question 4: "skm clang++ program.cpp -o HelloWorld" – What does this command do, and what do the different parts mean?

This command gets Splashkit to use the C++ compiler to compile the program.cpp file and output an executable file called HelloWorld.

Question 5: What grade are you going to aim for, and why?

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.