**Practice Quiz: Introduction to Programming**

**TOTAL POINTS 4**

**1.Question 1**

**What’s a computer program?**



A set of languages available in the computer



A process for getting duplicate values removed from a list



A list of instructions that the computer has to follow to reach a goal



A file that gets copied to all machines in the network

**Correct**

You nailed it! At a basic level, a computer program is a recipe of instructions that tells your computer what to do.

**1 / 1 point**

**2.Question 2**

**What’s the syntax of a language?**



The rules of how to express things in that language



The subject of a sentence



The difference between one language and another



The meaning of the words

**Correct**

Right on! In a human language, syntax is the rules for how a sentence is constructed, and in a programming language, syntax is the rules for how each instruction is written.

**1 / 1 point**

**3.Question 3**

**What’s the difference between a program and a script?**



There’s not much difference, but scripts are usually simpler and shorter.



Scripts are only written in Python.



Scripts can only be used for simple tasks.



Programs are written by software engineers; scripts are written by system administrators.

**Correct**

You got it! The line between a program and a script is blurry; scripts usually have a shorter development cycle. This means that scripts are shorter, simpler, and can be written very quickly.

**1 / 1 point**

**4.Question 4**

**Which of these scenarios are good candidates for automation? Select all that apply.**



Generating a sales report, split by region and product type

**Correct**

Excellent! Creating a report that presents stored data in specific ways is a tedious task that can be easily automated.



Creating your own startup company



Helping a user who’s having network troubles



Copying a file to all computers in a company

**Correct**

Nice work! A task like copying files to other computers is easily automated, and helps to reduce unnecessary manual work.



Interviewing a candidate for a job



Sending personalized emails to subscribers of your website

**Correct**

Great job! Sending out periodic emails is a time-consuming task that can be easily automated, and you won't have to worry about forgetting to do it on a regular basis.



Investigating the root cause of a machine failing to boot