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**STUDENT ID: CSC-18F-073**

**SECTION: 1A**

**SUBJECT: INTRODUCTION TO COMPUTING**

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**ASSIGNMENT # 01**

* Professions where computers routinely use:

1. **DESIGNING:**

Writers craft stories using word processing software, and the story is turned into physical or digital books by designers. Newspaper and magazine design require computers for drafting, asset creation by graphic artists, proofing by editors and composition of digital editions by designers. Photographers rely on digital cameras, and they edit prints, using desktop computer software. Movies are filmed digitally and then edited on a computer, and works of art are designed, using various creative software programs.

* **Examples:**

1.Author

2.Court Reporter

3.Designer

4.Director

5.Editor

1. **DATA ENTRY AND MEDICAL:**

Various fields use proprietary software to manage data entry specific to the organization. For example, medical coding involves assigning an alphanumeric code to various procedures, conditions and medical equipment. These codes are entered into medical software using a computer and then used to bill insurance customers and consumers. Along the way, medical billing specialists and customer service associates use computers to look up accounts and process payments while online payments will be processed by a computer alone.

* **Examples:**

1.Medical Billing Specialist

2.Medical Coder

1. **REPAIR FIELDS:**

In the automotive repair sector, mechanics use handheld devices to scan a car's computer. The handheld device is then plugged into a computer, and the car's data then appears on screen, and provides information on any electronic and mechanical failures of the car. Many other repair fields use handheld tablets or computers to store reference manuals for appliances and to track service calls.

* **Examples:**

1.Electrician

2.Heating, ventilation and air conditioning repairman

3.Mechanic

1. **SECRETARY**:

Secretaries are a fixture of most administrative environments. They work in all fields, including medical and legal. Their duties vary but generally include filing, correspondence, travel plans and data entry. Secretaries spend most of their time in an office and in front of a computer.

1. **WEATHER FORECASTING:**

In numerical weather predicting meteorologists select a group of equations that describe the conditions of the atmosphere as completely as possible for any one location at any one time. This set of equations can never be complete because even a computer is limited as to the number of calculations it can complete in a reasonable time. Thus, meteorologists pick out the factors they think are most important in influencing the development of atmospheric conditions. These equations are fed into the computer. After a certain time, the computer will print out the changes that might be expected if atmospheric gases behave according to the scientific laws to which they are subject. From this printout a meteorologist can make a forecast of the weather in an area.