# Unit 4.2

# Computer Systems & Software

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# LO1

## Describe the components of different computer system

Computer system:

The computer system has one or more data inputs. Then this data will be processed in some way. The result of the processing is sent to an output or it can be processed until there is some event that cause it to be generated.

## Different types of Computer systems Personal computer

A personal computer (PC) is a lightweight, low-cost computer built for a particular device. Microprocessor technology allows manufacturers to place an entire CPU on a computer device, resulting in PCs. Personal computers are used in businesses for word processing, accounting, desktop publishing, and spreadsheet and database management. Playing games and browsing the Internet are the most common uses of personal computers at home. Due to the fact that personal computers are developed to be single-user systems, they are often joined to form a network. In terms of processing power and graphics performance, extremely dynamic Macintosh and PC models are on par with low-end workstations from Sun Microsystems, Hewlett-Packard, and Dell. (tutorialspoint.com, 2019)



Figure 1.1 Personal Computer

<https://www.tutorialspoint.com/computer_fundamentals/computer_types.htm>

## Tablet PCs:

## Notebook & laptop

A laptop computer is a lightweight, light computer that can be easily transported. It can run on battery power or mains power. A laptop computer is equipped with a keyboard as well as specialized input devices such as trackballs, touchpads, and track points. They're needed because laptop computers are often used in locations where using a mouse is impractical.