Why is operating system a mandatory software?

There are different hardwares. Many more hardwares are about to come. Its not possible for each hardware to support each type of software. But the possible things is there should be an universal software which should be adopted by each and every hardware.

And that universally adopted software is operating system.

For example Windows 10 operating system.

Any processor, any keyboard, any mouse, any printer, or we can say any hardware. Vendor have to wory only about that, that hardware should be able to accept the perticular operating system. And rest is left on operating systems.

Because operating systems are build as it should be able to support all other softwares and hardwares. And other softwares are build as so they should be accepted by perticular hardware.

Thats are operating system is a madatory software,

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61. Explain concept of a process with its components ?
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66. Explain different types of OS with examples of each ?
67. What is an Operating System? Write down its desirable characteristics ?
68. Define a deadlock ? Write down the conditions responsible for deadlock? How can we recover from deadlock ?
69. What are the various services provided by Operating system ?
70. What do you mean by PCB? Where is it used? What are its contents? Explain.
71. What is Binary and Counting semaphores ?
72. What is File? What are the different File attribute and operations?
73. What are System call? Explain briefly about various types of system call provided by an Operating System?
74. Describe necessary conditions for deadlocks situation to arise.
75. What are points to be consider in file system design? Explain linked list allocation in detail?
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