CLAIMS

1. An information processing apparatus comprising:

a hardware button configured to ~~enable~~ be pressable by a user ~~to press, wherein the hardware button is a power button~~;

a control unit configured to define that a ~~predetermined press~~first process is executed or the execution of the first process is terminated, in response to a press of the hardware button;

a processing unit configured to execute a ~~predetermined~~ second process different from the first process;

a press detection unit configured to detect the press of the hardware button;

a press process rejection unit configured to instruct the control unit to reject the execution of the ~~press~~ first process when the press of the hardware button is detected; and

a process execution unit configured to instruct the processing unit to execute the ~~predetermined~~ second process ~~when~~ after the control unit rejects the execution of the first process in response to the detection of the press of the hardware button ~~is detected, wherein~~

~~the processing unit transmits data to the control unit according to a result of the predetermined process, and~~

~~the control unit executes the predetermined press process in response to the result of the predetermined process,~~

~~wherein the predetermined process obtains a user input to determine the result~~.

2. The information processing apparatus according to

claim 1, wherein

the hardware button is a power button,

the control unit ~~defines a power-off process executed as the~~executes power supply to the information processing apparatus or terminates the execution of the power supply to the information processing apparatus, in response to a press process of the power button, and

the press process rejection unit instructs the control unit to reject the execution of the ~~power-off process~~power supply to the information processing apparatus when the press of the power button is detected.

3. The information processing apparatus according to claim 2, wherein

the processing unit executes ~~a power-off~~an inquiry process ~~as the predetermined process~~for asking the user whether to terminate the execution of the power supply to the information processing apparatus, and

the process execution unit instructs the processing unit to execute the ~~power-off~~ inquiry process when the press of the power button is detected.

4. The information processing apparatus according to claim 3, wherein the processing unit further executes end processing when receiving an instruction of ~~power-off~~the termination of the execution of the power supply to the information processing apparatus from the user in the inquiry process.

5. The information processing apparatus according to claim 1, further comprising:

a count unit configured to count how many times the hardware button is pressed every time the press detection

unit detects the press of the hardware button; and

a determining unit configured to determine whether to reject the execution of the ~~press~~ first process and whether to execute the ~~predetermined~~ second process, based on the count of how many times the hardware button is pressed, wherein

the press process rejection unit instructs the control unit to reject the execution of the ~~press~~ first process based on the determination by the determining unit, and

the process execution unit instructs the processing unit to execute the ~~predetermined~~ second process based on the determination made by the determining unit.

6. The information processing apparatus according to claim 5, wherein

the processing unit executes ~~multiple processes~~a third process different from ~~each other~~the second process,

the determining unit determines whether to reject the execution of the ~~press~~ first process and whether to execute ~~each of the processes~~one of the second process and the third process, based on the count of how many times the hardware button is pressed, and

the process execution unit instructs the processing unit to execute ~~each of the processes~~ one of the second process and the third process based on the determination made by the determining unit.

7. The information processing apparatus according to claim 6, further comprising a storage unit configured to store process information in which a count of how many times the hardware button is pressed, information as to whether to reject the execution of the ~~press~~ first process, and information as to whether to execute ~~each of the~~

~~processes~~one of the second process and the third process are associated with each other, wherein

the determining unit determines based on the process information whether to reject the execution of the ~~press~~ first process and whether to execute ~~each of the processes~~one of the second process and the third process which are associated with the count of how many times the hardware button is pressed as counted by the count unit ~~in the process information~~,

the press process rejection unit instructs the control unit to reject the ~~rejection~~ execution of the ~~press~~ first process according to the determination made by the determining unit, and

the process execution unit instructs the processing unit to execute ~~each of the processes~~one of the second process and the third process according to the determination made by the determining unit.

8. The information processing apparatus according to claim 7, wherein

the hardware button is a power button,

~~the control unit executes a power-off process as the press process,~~

the count unit counts how many times the power button is pressed every time the press detection unit detects the press of the power button,

the process information associates a count of how many times the power button is pressed, information as to whether to reject the execution of the ~~power-off~~first process, and information as to whether to execute ~~each of the processes~~one of the second process and the third process,

the determining unit determines based on the process

information whether to reject the execution of the ~~power-off~~first process and whether to execute ~~each of the processes~~one of the second process and the third process which are associated with the count of how many times the power button is pressed as counted by the count unit ~~in the process information~~, and

the press process rejection unit instructs the control unit to reject the execution of the power-off process according to the determination made by the determining unit.

9. The information processing apparatus according to any one of claims 1 to 8, wherein the control unit is an operating system.

10. A control method executed in an information processing apparatus including a hardware button configured to ~~enable~~ be pressable by a user ~~to press~~, the method comprising:

~~executing a predetermined process by a processing unit;~~

detecting the press of the hardware button by a press detection unit, wherein the hardware button is a power button;

instructing, by a press process rejection unit, a control unit to reject the execution of a ~~predetermined press~~first process when the press of the hardware button is detected, the control unit defining that the ~~press~~ first process is executed or the execution of the first process is terminated, in response to a press of the hardware button;

instructing, by a process execution unit, ~~the~~ a processing unit to execute ~~the predetermined~~predetermined second process different from the first process ~~when~~ after the execution of the first process is rejected in response

to the detection of the press of the hardware button ~~is detected;~~

~~transmitting data, by the processing unit, to the control unit according to a result of the predetermined process; and~~

~~executing, by the control unit, the predetermined press process in response to the result of the predetermined process,~~

~~wherein the predetermined process obtains a user input to determine the result~~.

11. A computer-readable recording medium with an executable program stored thereon, wherein the program instructs a computer that includes a hardware button configured to ~~enable~~ be pressable by a user ~~to press~~, to perform:

~~executing a predetermined process;~~

detecting the press of the hardware button~~, wherein the hardware button is a power button~~;

instructing a control unit to reject ~~the~~ execution of a ~~predetermined press~~first process when the press of the hardware button is detected, the control unit defining that the ~~press~~ first process is executed or the execution of the first process is terminated, in response to a press of the hardware button;

instructing ~~the~~ execution of ~~the predetermined~~a second process different from the first process ~~when~~ after execution of the first process is rejected in response to the detection of the press of the hardware button ~~is detected;~~

~~transmitting data, by the processing unit, to the control unit according to a result of the predetermined process; and~~

executing, by the control unit, the predetermined press process in response to the result of the predetermined process,

wherein the predetermined process obtains a user input to determine the result.