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Exception type	Synchronous vs. asynchronous	User request vs. coerced	Usermaskablevs. nonmaskable	Within vs. between Instructions	Resume vs. terminals
/ O device request	Asynchronous	Coerced	Nonmaskable	Between	Resume
invoke operating system	Synchronous	User request	Nonmaskable	Between	Resume
Tracing Instruction execution	Synchronous	User request	User maskable	Between	Resume
Breakpoint	Synchronous	User request	User maskable	Between	Resume
Integer arithmetic overflow	Synchronous	Coerced	User maskable	Within	Resume
Floating point arithmetic overflow or underflow	Synchronous	Coerced	User maskable	Within	Resume
Page fault	Synchronous	Coerced	Nonmaskable	Within	Resume
Misalighed memory accesses	Synchronous	Coerced	User maskable	Within	Resume
Memory protection violation	Synchronous	Coerced	Nonmaskable	Within	Resume
Using undefined instruction	Synchronous	Coerced	Nonmaskable	Within	Terminate
Herdware matfunction	Asynchronous	Coerced	Nonmaskable	Within	Terminate
Power failure	Asynchronous	Coerced	Nonmaskable	Within	Terminate
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