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|  | **fork()** | **exec()** |
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| 1. | It is used to create a new process (child process). | It is used to execute the given process by replacing the current process. |
| 2. | It is returning the PID of child to the parent and zero to the child if fork() is successful. | If the given process get executed successfully then exec() will not return the value. |
| 3. | In the case of failure fork() will not return the value. | exec() returns the value in case of failure. |