

## Differentiate between Verification and Validation ?

Verification	Validation
Focuses on the question, "Did we build the product right?"	Focuses on the question, "Did we build the right product?"
It is a process of evaluating a software system or component to determine whether it meets the specified requirements or not	It is a process of evaluating a software system or component to determine whether it meets the customer's needs and expectations or not
It is a static process, which means it is performed without executing the code	It is a dynamic process, which means it is performed by executing the code
It includes activities such as reviews, inspections, walkthroughs, and testing the code to ensure that it meets the design and coding standards	It includes activities such as acceptance testing, user testing, and system testing to ensure that the software meets the user's needs and expectations
It is usually performed by developers or quality assurance team members	It is usually performed by the end-users, customers, or stakeholders
Its goal is to identify defects, errors, or bugs in the software system	Its goal is to ensure that the software system meets the user's needs and expectations
It is a process of checking the completeness, correctness, and consistency of the software system	It is a process of checking the usefulness, usability, and user-friendliness of the software system
Its output is a verified and validated software system or component	Its output is a validated software system or component that meets the user's needs and expectations