Assignment no-3

Q: Difference b/w verification and validation in testing

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| Verification | Validation |
| 1) Are we building the system right? | Are we building the right system? |
| 2) Verification is the process of evaluating products of a development phase to find out whether they meet the specified requirements | Validation is the process of evaluating software at the end of development process to determine whether software meets the customer expectations and requirements |
| 3)Following activities are involved in verification: reviews, meeting and inspections | Following activities are involved in validation: testing like black box testing, white box and gray box testing |
| 4) Execution of code is not come under verification | Execution of code is come under validation |
| 5) Verification process explains whether the output are according to inputs or not | Validation process describes whether the software is accepted by the user or not |
| 6)Verification is carried out before the validation | Validation activity is carried out just after the verification |
| 7)Cost of errors caught in verification is less than errors found in validation | Cost of errors caught in validation is more than errors found in verification |