@ What is the difference between tecting and debuggin Vs Debugging ** Testing De bugging Testing Traits Activity of diagnosing Process of executing 1. Defination: the precise nature a program with the of a known error intention or goal of and then correcting finding errors. finding precise natur Finding error. of known error 2. Activity: Included. 3. Error correction. Not included Output of testing Program input De fination known when it 4. Input: Di Mature of perinon: unknown I Testing Dafinitions: 2. Integration Test. 1. Module / Unit Trans. Two PDF-Helper.com/pdf-to-jpg/ 4. System Test. 3. Function Test 5. Acceptance Test 6. Installation Test. 8. Field Test . A Miles * Module Testing: with the program module, usue verification of a single program module, usue - usually in an irsolated environment - ocat occasionally includes natherutical proofs * Integration Teating! - verification of the interface among system parts Program structure modules, components, sub eyestems.

System parets: modules, components, subsequents
system anchitecture modules, components subsequents

(Software Engineering: - Martin L. Shooman)

1) Basic Terminology: (Table 4.3)

1. Testing

2. Verification

3. Validation

4. B Debugging.

5. Certification

6. Proof

* Testing:

Not included Process of executing a program with the intention or goal of Plugra mergod finding errors ...

* Verification!

Attempt to find errors by executing a program in a test or simulate Converted by PDF to JPG
www.PDF-Helper.com/pdf-to-jpg/

-d environment.

K Validation: Attempt to find errors by executing a program in a given real * Validation! environment.

Activity of diagnosing the precise nature of known error and * Debuggino; then correcting the error.

Proof:
Attempt to find errors in a program without regard to the program: * Proof: environment.

Authoritative endorsement of the correctness of a program. * certification.