Page No.: Kvuoy 31 Stages of the Java Program Jollow 4 different Stages.

Liceation of the Java Program

21 Sam 4- T. D. 21 Save the Java Program 31 Compilation y Execution To create any Java Program we one platform called as Notepad. class A > Notepad 21 Save the Java Program To Save the Java Program we have to Eg: > filename. java

hvooy 31 Compilation

Errors

Check the Mistakes in the Program Compile - Time Error Semantic Error Syntax Error a) In compilation stage we will check for the errors in the Program.

b) If there is any error present in this stage then it is known as Compile-Time Error. XI Syntax Error X2] Semantic Error S Compile - Time Error has & Types. 2 Syntax Error 1 Syntax Error Syntax or Rules then we will get Syntax Err Eg! > 3+2=5 Semantic Error Then we will get semantic Error.

Eg: > 3+2=5 2+2 = 4 2+ Jara = Semantic Error

Page No.: 15 Avuoy d) If there is no error Present in this stage then we will get one more file called as - class file. · class file contains Byte code which is Non-Human I The Syntax to Compile any Jave file is Javac filename java compile 4 Execution Check the mistakes in the Program Memory Mistoke Exception Pushpa In sufficient storage 10 = Arithmetic Exception.

