DAY-6

-----------------------------------------------

JAVAC COMMAND IS USED TO INVOKE THE COMPILER WHICH WILL CONVERT JAVA PROGRAM INTO CLASS FILE.

JAVA COMMAND IS USED TO INVOKE JVM WHICH WILL CONVERT BYTECODE INTO NATIVE CODE(ML CODE).

NOTE:IT IS A GOOD PRACTISE TO SAVE THE JAVA PROGRAM NAME AS SAME AS THE CLASS NAME

FOR ANY PROGRAM EXECUTION O.S SHOULD GIVE THE PERMISSION.

O.S ALWAYS GIVES PERMISSION TO MAIN FUNCTION/METHOD IN THE PROGRAM.

HENCE IN JAVA PROGRAM IN THE MAIN METHOD SYNTAX STYLE WILL CONSIST OF PUBLIC AND STATIC

PUBLIC:MAIN METHOD IS VISIBLE TO O.S

STATIC: MAIN METHOD IS ACCESSIBLE TO O.S

--------------------------------------------------------------------

CAN U CREATE A EMPTY JAVA PROGRAM?

YES,EMPTY CLASS CAN BE CREATED AND COMPILE IT.CLASS FILE WILL BE GENERATED.

BUT,DURING EXECUTION WE WILL GET ERROR SAYING THAT MAIN METHOD IS NOT PRESENT.

--------------------------------------------------------------------------------------------

MAIN METHOD SYNATX STYLE:

----------------------------------

---------------------------------------------------------------------------

CAN A JAVA PROGRAM HAVE MULTIPLE CLASSES.

----------------------------

YES,WE CAN CREATE A JAVA PROGRAM USING MULTIPLE CLASSES.

ALWAYS PROGRAM EXECUTION STARTS FROM MAIN METHOD.

-------------------------------------------------------------------------

CAN WE GIVE ANY NAME TO THE JAVA PROGRAM WHILE SAVING?

YES,WHENEVER ALL THE CLASSES PRESENT IN THE PROGRAM IS GENERAL CLASS THEN WE CAN TAKE PROGRAM NAME AS PER OUR WISH,BUT BEST PRACTISE

IS ALWAYS TO CLASS NAME AS PROGRAM.

HOWEVER IF ANY CLASS MADE IT AS PUBLIC THEN PROGRAM NAME SHOULD BE SAVED IN THE SAME CLASS NAME WHICH IS PUBLIC.

NOTE:IN ANY JAVA PROGRAM ALWYAS ONLY ONE PUBLIC CLASS IS ALLOWED.

-----------------------------------------

BATCH FILE:

-----------------------

ALL THE COMMANDS REQUIRED TO EXECUTE JAVA PROGRAM IS TYPED IN A SEPERATE TEXT FILE AND SAVE IT WITH .BAT AS EXTENSION.

DOUBLE CLICK ON THIS SO THAT ALL THE COMMANDS PRESENT IN THAT FILE WILL BE EXECUTED.

TO ALT THE PROCESS AFTER THE EXECUTION WE CAN MAKE USE OF PAUSE COMMAND

BATCH FILES ARE USED WHENEVER WE WANT TO EXECUTE THE SAME PROGRAM MULTIPLE TIME.

-------------------------------------------------------------------------------------------------------------------------