*Dt : 11/8/2022*

*faq:*

*wt is the diff b/w*

  *(i)Objective Code*

  *(ii)Byte Code*


*(i)Objective Code:*

   *=>The compiled code generated from c and c++ programs is known*

     *as Objective code*

   *=>while Objective code generation OperatingSystem is*

     *participated,because of this reason Objective Code is*

     *platform dependent code.*


*DisAdvantage:*

   *=>The ObjectiveCode generated from one PlatForm cannot be*

*executed on other PlatForms*


*Note:*

   *=>The c and c++ languages which are generating Objective code*

*are PlatForm dependent languages.*

  *------------------------------------------------*

*(ii)Byte Code:*

   *=>The CompiledCode generated from JavaPrograms is ByteCode.*

   *=>while ByteCode generation OperatingSystem is not*

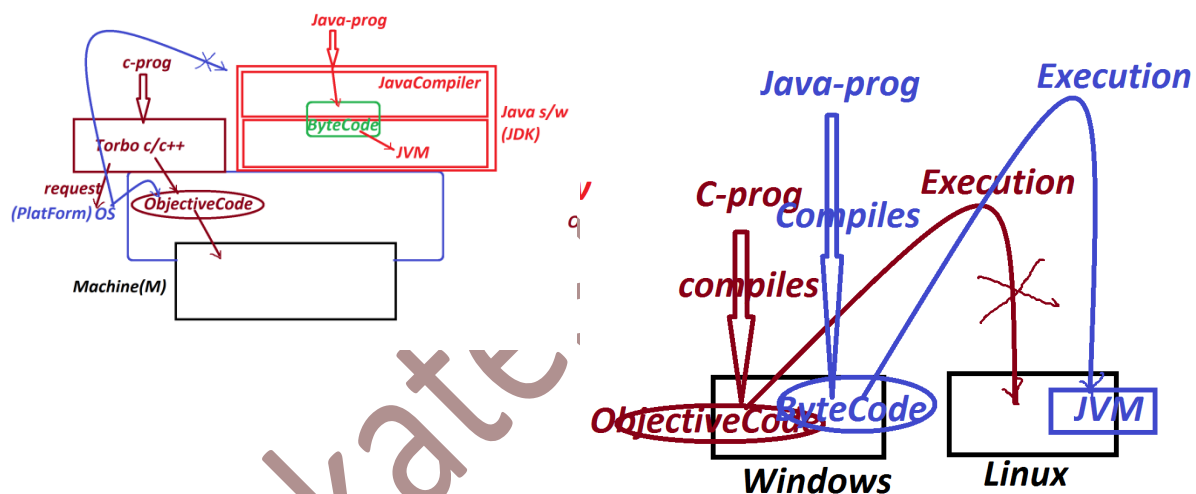participated,because of this reason ByteCode is PlatForm

independent code.

**Advantage:**

 =>The ByteCode which is generated from One platform can be

executed on other PlatForms based on JVM.

**Note:**

 =>The JavaLang which is generating ByteCode is PlatForm

independent language.

**Diagram:**



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**faq:**

**define High Level Language?**

 =>The language formats which are understandable by the user

are known as High Level Languages.

*faq:*

*define Low Level Languages?*

  *=>The language formats which are not understandable by the*

*user are known as Low Level Languages.*


*faq:*

*define Translators?*

  *=>Translators are the converters which are used to translate*

*High Level Language formats into Low Level Language formats and*

*Low Level Language formats into High Level Language formats.*


  *=>These Translators are categorized into two types:*

    *(i)Compilers*

      *-  Compiler translates total program at-a-time*

    *(ii)Interpreters*

      *-  Interpreter translates the program line-by-line*

*=========================================================*

*Note:*

  *=>In c and c++ languages,we use compiler in Compilation and*

   *Execution process.*

  *=>In Java Lang,we use compiler in compilation process and*

*we use both 'compiler and Interpreter' in execution process'*

*=========================================================*

*faq:*

*define Assembly language?*

*=>The Intermediate language format b/w High Level Language and*

*Low Level Language is known as Assembly language.*

*Note:*

*=>we use Assemblers to translate Assembly Language format to*

*Low level language format and Low level language format to*

*Assembly Language format.*

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