

# **Introduction to Programming Exercises and Solutions**

**Software Development 1 (F27SA)**

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Week 1, lecture 2

# Quiz

Which of these does **not** describe Java?

- A. A language for writing large software systems
- B. It makes use of a compiler
- C. It is a descendent of the C language
- D. It is a relatively slow language to execute
- E. It is a 3<sup>rd</sup>/4<sup>th</sup> generation language

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- A. A language for writing large software systems
- B. It makes use of a compiler
- C. It is a descendent of the C language
- D. It is a relatively slow language to execute  
(This was once true, but is no longer the case)**
- E. It is a 3<sup>rd</sup>/4<sup>th</sup> generation language

# Quiz

Which of these is **not** true of Java programs?

- A. There must be a main method
- B. Statements are usually followed by a ";"
- C. Compile-time errors are known as exceptions
- D. A program must contain at least one class
- E. Comments can span multiple lines

# Quiz

Which of these is **not** true of Java programs?

- A. There must be a main method
- B. Statements are usually followed by a ";"
- C. Compile-time errors are known as exceptions  
(Exceptions are only generated at run-time!)**
- D. A program must contain at least one class
- E. Comments can span multiple lines

# Quiz

Assembly language is:

- A. Mostly used for high-level programming
- B. Less readable than machine language
- C. Specific to a particular system architecture
- D. A 1<sup>st</sup> generation programming language
- E. Easy to explain to elderly relatives

# Quiz

Assembly language is:

- A. Mostly used for high-level programming
- B. Less readable than machine language
- C. Specific to a particular system architecture  
(Each CPU has its own assembly language)**
- D. A 1<sup>st</sup> generation programming language
- E. Easy to explain to elderly relatives