Enumerations

1. What is an enumeration?
2. What keyword do we use to declare an enumeration?
3. What is the default value for the first item in an enumeration?
4. Each successive item in an enumeration is incremented by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. What is the convention for enum names and their items?
6. How do you access each individual item in an enumeration?
7. Why do we use enums?
8. Give an example of the syntax you would use to start the first item in an enum at something other than the default of 0.
9. What is the default data type for enums?
10. How many bytes is this data type?
11. What is the syntax to use something other than the default data type?
12. Can you have decimal enums?
13. What is ***casting*** in C-type languages?
14. When is casting required?
15. What is the syntax to cast?
16. What is ***implicit conversion***?
17. Give an example of a conversion where casting is required.  Give an example of a conversion where casting is NOT required.
18. What should you use before casting classes?