



Problem 3

- i. You cannot extend the Class Integer because its final and you cannot extend final classes.
- ii. The designers did not allow for this because wrapper types have to be immutable. Allowing sub classing would mean that immutability will not be assured. Wrapper types have to be immutable to ensure uniformity across all instances. If they did not do this you could override methods and unexpectedly change integer values.
- iii. I recommend creating a utility class that would allow for this to be done. The class should be declared public and final and have a private constructor to prevent instance creation. Final would prevent sub classing. In this class a static method could be created that returns the as a String written in hexadecimal.