1. (12 pts)
For each item on the first list, find the description from the second list that is most appropriate.

(a) metalanguage
(b) interpreted language
(c) object-oriented language
(d) machine language
(e) high-level language
(f) assembly language

1) a language that includes constructs to associate data with the code for operating on the data.
2) a language close to a natural language and that allows portable code.
3) a language that is used to describe another language.
4) a language that uses simple words for each instruction of a specific machine.
5) a language where instructions are in binary code for a specific machine.
6) a language where nonmachine-language instructions are translated by another program while it is executing.

2. (10 pts)
For each name below, say whether or not it’s a valid name for an identifier in Java, and if not, explain why.

(a) second symbol
(b) second-symbol
(c) second_symbol
(d) SecondSymbol
(e) symbol2
(f) 2ndSymbol
(g) symbol#2
(h) $symbol2$
(i) END_CHAR
(j) char