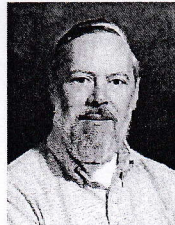1. [extra credit] Who created C?

   a. Gosling
   b. Kildall
   c. (Ritchie)
   d. Stroustrup

   e. Thompson
   f. van Rossum
   g. Wirth
   h. Wall

[Questions 2 – 11 are worth five points each]

2. Given a class called `Thing` and the code

   ```
   Thing thingOne, thingTwo;
   ```

   What function **call** is the following line equivalent to?

   ```
   thingTwo = thingOne;
   ```

   a. `operator=(thingTwo, thingOne)`
   b. `thingTwo.operator=(thingOne)`
   c. `ostream& Thing::operator=(const Thing& rhs);`
   d. Neither (a) nor (b) because it is using the `Thing` copy constructor.
   e. Neither (a) nor (b) because the operator has to be overridden as a friend
   f. Either (a) or (b), depending on how the programmer chose to implement the operator.
   g. None of the above

3. Given a vector of ints called intVec, write a "ranged for" loop, also sometimes known as a "foreach" loop, to double the values of all the elements in the vector.

   ```
   for(int& x : intVec){
       x *= 2;
   }
   ```

4. Given:

   ```
   int* data = new int[12];
   ```

   Pick an expression that is equivalent to: `&data[5]`

   &`(*(data+5))`

   a) `data*5`
   b) `&(data*5)`
   c) `&data+5`
   d) `*data+5`
   e) `*(data+5)`
   f) `(data+5)*`
   g) `&(data+5)`
   h) `(data+5)&`
   i) `data+5`
   j) `data+5&`
   k) `data&+5`

   `data[5]`