

1. Which format specifier should be used to print the value of a variable whose type is `double`?
  - (a) `%d`
  - (b) `%f`
  - (c) `%u`
  - (d) `%c`
2. Which variable name below is valid in C? List all that apply.
  - (a) `_123abc`
  - (b) `abc123`
  - (c) `abc_123`
  - (d) `123abc`
3. Which operator should be used to multiply two variables together?
  - (a) `*`
  - (b) `-`
  - (c) `/`
  - (d) `%`

4. Consider the following statement in C. What is the value of `x` after it has been executed?

```
int x = (5 * 6 + 3) % 2;
```

5. Write the correct C statement that prints the line `x = 10` given the following variable declaration:

```
int x = 10;
```

BONUS: Write a small program that converts 56 degrees Celsius to Fahrenheit. Use a variable to store the initial Celsius temperature, and store the calculated Fahrenheit temperature in another variable. The output of the program should look like this: `56C --> 132F` *Hint*: The formula for converting Celsius to Fahrenheit is  $F = \frac{9}{5}C + 32$ .