Unit 3 Free Response Question 1

1. Assume that the following variables have been properly declared and initialized.
   - a `boolean` variable named `rsvp`
   - an `int` variable named `selection`, where:
     - `1` represents "`beef`",
     - `2` represents "`chicken`",
     - `3` represents "`pasta`", and
     - all other values represent "`fish`"
   - a `String` variable named `option1`
   - a `String` variable named `option2`

(a) In the box below, write a code segment that prints "`attending`" if `rsvp` is true and prints "`not attending`" otherwise.

(b) In the box below, write a code segment that prints the food item associated with `selection`. For example, if `selection` is `3`, the code segment should print "`pasta`". Your code segment should meet all specifications and conform to the example.

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(c) In the box below, write a code segment that will store a dinner selection in `option1` based on the values of `rsvp` and `selection`. The intended behavior of the code segment is described below.

If `rsvp` is `true`, the code segment should store in `option1` a string indicating the person's attendance and food choice. For example, if `rsvp` is `true` and `selection` is `1`, the following string should be stored in `option1`.

```
"Thanks for attending. You will be served beef."
```

If `rsvp` is `false`, the following string should be stored in `option1`, regardless of the value of `selection`.

```
"Sorry you can't make it."
```

Your code segment should meet all specifications and conform to the examples.

(d) In the box below, write a code segment that will print `true` if the strings `option1` and `option2` contain the same values and will print `false` otherwise.