Your Name:

Class practice: Week of September 21,2020

Due by midnight on your class day.

Question 1. Consider the following conditional statement.

```
void setup() {
  if (h > 60) {
    println("Taller than 5 ft");
  }
  else if (h > 48) {
    println("Taller than 4 ft");
  }
  else if (h > 36) {
    println("Taller than 4 ft");
  }
  else {
    println("Too small for this ride");
  }
}
```

(a). Draw the decision diagram corresponding to the code above.
(b). What is printed when `h` is 12?

(c). What is printed when `h` is 43?

Question 2. Consider the following conditional statement.

```
void setup() {
  if (h > 36) {
    println("Taller than 3 ft");
  }
  else if (h > 60) {
    println("Taller than 5 ft");
  }
  else if (h > 48) {
    println("Taller than 4 ft");
  }
  else {
    println("Too small for this ride");
  }
}
```

(a). Draw the decision diagram corresponding to the code above.
(b). What is printed when `h` is 12?

(c). What is printed when `h` is 43?

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Question 3. The primary colors are red, blue and yellow. Suppose we have a String variable which stores a color name, such as "red", "purple", or "chartreuse". Write an if statement to check if the color is primary. Below is sample output from your program.

```
green is not primary
red is primary
Blue is not primary
```

```
void setup() {
  // Your code here
```

```
}
```