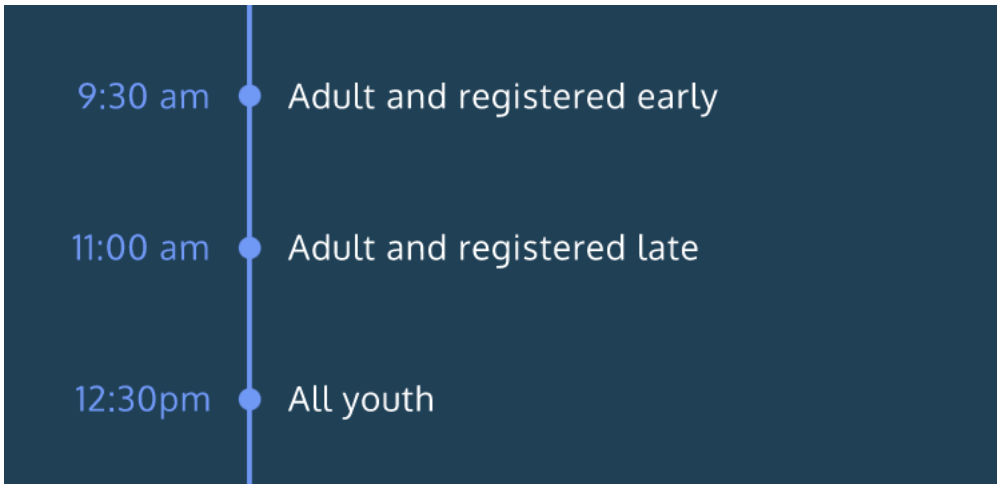
JavaScript Race Day Instructions

You have been hired to write a program that will register runners for the race and give them instructions on race day.

As a timeline, registration would look like this:



Here's how registration works. There are adult runners (over 18 years of age) and youth runners (under 18 years of age). They can register early or late. Runners are assigned a race number and start time based on their age and registration.
Race number:

- Early adults receive a race number at or above 1000.
- All others receive a number below 1000.

Start time:

- Adult registrants run at 9:30 am or 11:00 am.
  - Early adults run at 9:30 am.
  - Late adults run at 11:00 am.
- Youth registrants run at 12:30 pm (regardless of registration).

But we didn't plan for runners that are exactly 18! This will be handled at the end of the project.

1	Race numbers are assigned randomly (this code has already been provided at the top of **raceDay.js**)
Hint	`Math.random()` returns a value between `0` (inclusive) and `1` (exclusive). In order to make this set of numbers range from `0` (inclusive) to `1000` (exclusive) we can multiply the returned value by `1000`. Finally, to ensure you only have whole numbers from `0` to `999` we can round down using `Math.floor()`. `let raceNumber = Math.floor(Math.random() * 1000)`
2	Create a variable that indicates whether a runner registered early or not.

	Set it equal to a Boolean value. You'll change this later as you test different runner conditions.
Hint	For example: `const registeredEarly = false;`
3	Create a variable for the runner's age and set it equal to a number. You'll change this later as you test different runner conditions.
Hint	For example: `const age = 19`
4	Create a control flow statement that checks whether the runner is an adult AND registered early. Add `1000` to their `raceNumber` if this is true.
Hint	A runner is an adult if their `age` is over `18`. You'll need to use an `if` statement, the `&&` logical operator, and the mathematical assignment operator `+=`.
5	Create a separate control flow statement below the first (starting with `if` again). This statement will check age and registration time to determine race time. For runners over 18 who registered early, log a statement to the console telling them that they will race at 9:30 am. Include their `raceNumber`.
Hint	This step requires an `if` statement, the `&&` logical operator, `console.log`, and string interpolation. `if (condition && condition) {` `  console.log('statement');` `}`
6	"Late adults run at 11:00 am" Since you already checked for early adults, write a statement like this: *else if runner is over 18 AND did not register early they will race at 11:00am* Write the corresponding `else if` statement. Within that, log a string to the console telling them that they will race at 11:00 am. Include their `raceNumber`.
Hint	This step requires an `else if` statement, the `&&` and `!` logical operators, `console.log`, and string interpolation. `if (condition && condition) {` `  console.log('statement');` `} else if (condition && !condition) {`

	`` console.log('other statement'); } ```
7	"Youth registrants run at 12:30 pm (regardless of registration)" For people who are under 18, log a statement to the console telling them that they will race at 12:30 pm. Include their `raceNumber`.
Hint	``` if (condition && condition) { console.log('statement'); } else if (condition && !condition) { console.log('other statement'); } else if (condition) { console.log('another statement'); } ```
8	Enter different combinations of values for the two variables you created and run your code several times. Verify that the correct statements are printing to the console! You can check your work using the examples provided in the hint.
Hint	If your code is working correctly, all of these should be true: Runners who are `25` years old and registered early will run at 9:30 am. Runners who are `25` years old and did NOT register early will run at 11:00 am. Runners who are `16` years old and registered early will run at 12:30 pm. Runners who are `16` years old and did NOT register early will run at 12:30 pm.
9	Don't forget about runners exactly 18 years old! Add an `else` statement that logs a statement to the console telling the runner to see the registration desk.
Hint	If your code is working correctly, this should be true: Runners who are `18` years old and registered early should see the registration desk. Runners who are `18` years old and did NOT register early should see the registration desk.