```
aame ends
import * as readline from 'readline';
the terminal
const rlInterface = readline.createInterface({
});
var situationQuestion = function (question): Promise < string > {
        rlInterface.question("", function (answer) {
https://en.wikipedia.org/wiki/ANSI escape code#Colors
```

```
var magenta = "\x1b[35m";
var red = "\x1b[31m";
var green = "\x1b[32m";
var yellow = "\x1b[33m";
var blue = "\x1b[34m";
var cyan = "\x1b[36m";
var white = "\x1b[37m";
// array to make the colors easier to use later down the line
var colorsArray = [red, green, yellow, blue, magenta, cyan, white];
// used to calculate the amount of correct guesses the user has, conditionally.
const objectLength = function (object) {
ROBUST STRONG-TYPED GAME SYSTEM)
multiple other types of TypeScript types
interface gameObject {
        situationsObject: situationsObject,
};
for players
interface situationsObject {
    start: situation,
```

```
processed later in the game
interface situation {
      survivalMessage: string,
      options: object,
makes the array look cleaner
const forestAdventure: gameObject = {
   welcomeMessage: "Welcome to the Forest Adventure, you have to make the right decisions to
survive being lost in the forest!",
you do?",
          survivalMessage: "You successfully avoided the bear! 6",
on the trees! What's your next move?",
```

```
plan on doing?",
    welcomeMessage: "It's time for some Subway Fun! Make the right decisions and make it to
your destination.",
crowded, and you see someone fall over in front of you, what do you do?",
stairs.. Nice Job!",
```

```
a: "Find a seat or handle quickly",
async function main() {
        console.log(`${colorsArray[x]}${x}:`, gamesArray[x].gameName);
```

```
if (!gamesArray[gameSelection]) { // Checks if the selected number by the user is valid
   console.log(`${green}Loading game "${gamesArray[gameSelection].gameName}"`); // show user
   var gameResults = await runGame(gamesArray[gameSelection]); // run the game and wait for it
   if (gameResults == objectLength(gamesArray[gameSelection].situationsObject.situations) + 1
all the Situations 🥳 (${gameResults})`) // if the user passes all of the situations
score
return main(); // await a user response to see if they would like to play again or not, if so,
   rlInterface.close(); // close the opened terminal input session if the user doesn't want to
```

```
with the rest of the loop
answers from the user
async function runSituation(situation: situation): Promise < boolean > { // returns as a
promise of boolean, takes in the situation parameter
user has to answer
wait for a user response, run the situationQuestion function to do this
    if (userResponse.toLowerCase() == situation.correctAnswer) { // if the user's input is the
correct answer, run
        console.log(green + situation.survivalMessage); // print the message congratulating the
user for the right message
and return true
```

// start the program
main();