Basic Constructs: Intro to Functions and Scopes

Assignment Solutions

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Assignment Solutions

1. Write a function astroguru that:
A. Takes four arguments: number of children, spouses name, location and job
B. Output the following string: "You will be a 'job' in 'location' and married to 'partner' with 'numkids'."

Solution:

```
function astroGuru(jobTitle, geolocation, partner, numKids) {
   var future = 'You will be a ' + jobTitle + ' in ' + geolocation + ' and
married to ' +
   partner + ' with ' + numKids + ' kids.';
   console.log(future);
}

astroGuru('astronaut', 'Spain', 'Shaq', 3);
astroGuru('stunt double', 'Japan', 'Bruce Wayne', 9);
astroGuru('Elvis impersonator', 'Russia', 'Elon Musk', 0);
```

Output:
"You will be a astronaut in Spain and married to Shaq with 3 kids."
"You will be a stunt double in Japan and married to Bruce Wayne with 9 kids."
"You will be a Elvis impersonator in Russia and married to Elon Musk with 0 kids."

To the run the code live and test click here.

2. Write a function that compares two numbers and returns the larger of the two.
Bonus: Output appropriate message if numbers cant be compared or are equal

Solution:

```
function greaterNum(num1, num2) {
   if (num1 === num2) {
     console.log('Both numbers are equal');
   } else if (num1 > num2) {
     return num1;
   } else if (num2 > num1) {
     return num2;
   } else {
     console.log('These are simply incomparable!');
   }
}
greaterNum(3, 3);
greaterNum(7, -2);
greaterNum(5, 9);
greaterNum(5, 'dog');
```

Output:

"Both numbers are equal"
"These are simply incomparable!"

To run the code live and test click here.