**Tip Calculator**

John and his family went on a holiday and went to 4 different restaurants. The bills were $124, $48, $75 and $268. John paid the bills cash and he has $750 budget in his wallet.

To tip the waiter a fair amount, John created a simple tip calculator (as a function). He likes to tip;

* 20% of the bill when the bill is less than $50,
* 15% when the bill is between $50 and $200,
* 10% if the bill is more than $200.

(NOTE: To calculate 20% of a value, simply multiply it with 20/100 = 0.2)

**1.**

You can create a function that returns any given bill amount’s tip.

Create a function named calculateTips with a single parameter named bill.

**2.**

The function should accept a bill amount as an argument and return the tip paid.

**3.**

Test the function by calling it multiple times and printing the results to the console.

**4.**

Now that you’ve written a function to get the tip for each bill, we need to do three things:

* Get the each bill and tip calculated and print to the console.
* Get the total tip that John paid.

To get the total tip, create a new function named getTotalTips that takes no parameters.

**5.**

Inside the getTotalTips() function, call the calculateTips() function for each bill. Add the results together and return the sum using an implicit return.

**6.**

Calculate John’s budget dust and print to the console. Create another function budgetDust and print this function to the console.

After that, warn John, if he spend %80 of his budget. Change the bill amounts and see different results for tthis situtation.

Congragulations!