**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 thought a simple tip calculator (like 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)

Now Our aim is helping John to create a function that calculate tips automatically.

**1.** First, create variables for bills and record them.

Than, you can create a function that returns any given bill amount’s tip:

To do that; 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 according to John’s tip calculator percentages. (You need to use if else statement and inside the function. Every if statement you need to return a value.)

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

* Print each bill and calculated tip to the console.

**4.** You’ve written a function to get the tip for each bill, we need to find total tip that John paid.

To do that, create a new function named getTotalTips that takes no parameters.

**5.** Inside the getTotalTips() function, call the calculateTips() function for each bill (use bill variables for arguments).

Add the results together, Print the total tip that John paid after a vacation.

And return the sum using return.

**6.** Calculate John’s budget dust and print to the console. Create another function budgetDust. Take the total tip using getTotalTips() function inside budgetDust function. Calculate dust and print it to the console.

**7.** Challange!

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

Congragulations!