



# How Will You Pay?

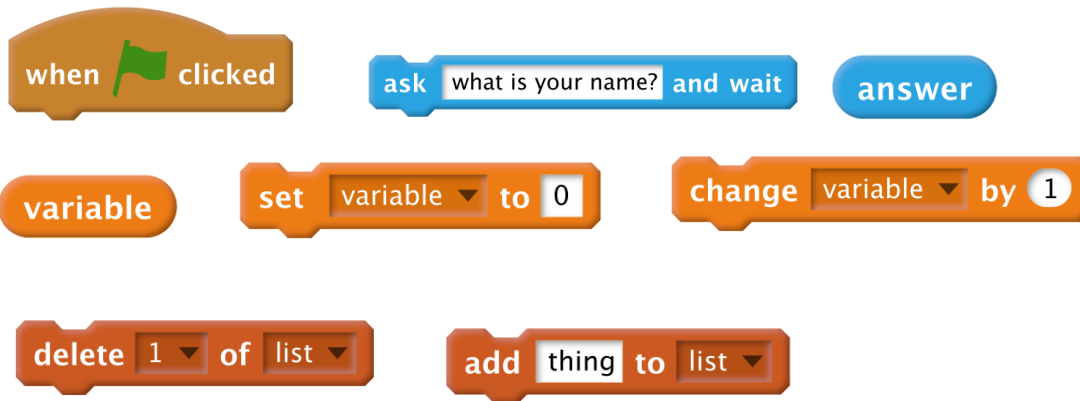
## Project Goal:

Students will create a program that will ask them the amount of their bill. Then they will get to choose what bills and coins they will use to pay their bill.

## Standard: [CCSS.MATH.CONTENT.2.MD.C.8](#)

Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately. Example: If you have 2 dimes and 3 pennies, how many cents do you have?

## Blocks:



**Student Handout:** [How Will You Pay Student Guide](#)

**Teacher Guide:** [How Will You Pay Teacher Guide](#)





**Solution:**

Under this Sprite:





```

when clicked
  set Current Value to 0
  set Bill to ?
  delete all of How Will You Pay?
  ask What is your bill? and wait
  set Bill to answer







```

Each box contains the code under the Sprite indicated in the top left corner:

 <pre> when this sprite clicked   add 1 to How Will You Pay?   change Current Value by 1 </pre>	 <pre> when this sprite clicked   add 5 to How Will You Pay?   change Current Value by 5 </pre>
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 <p>2003-ten-...</p> <p>when this sprite clicked</p> <p>add 10 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 10</p>	 <p>1200px-U...</p> <p>when this sprite clicked</p> <p>add 20 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 20</p>
 <p>2005-Pen...</p> <p>when this sprite clicked</p> <p>add .01 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 0.01</p>	 <p>1988-d-jef...</p> <p>when this sprite clicked</p> <p>add .05 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 0.05</p>
 <p>1200px-2...</p> <p>when this sprite clicked</p> <p>add 0.1 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 0.1</p>	 <p>2018-ame...</p> <p>when this sprite clicked</p> <p>add .25 to How Will You Pay? ▾</p> <p>change Current Value ▾ by 0.25</p>

# #CSandMath





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