

P.i.

Project algorithms

Select **two algorithms** you have written , take a screenshot of each and write a short statement on why you have chosen to use those algorithms.

```
}, //-----  
discount: function(cut_off) // provide discount if itme > £20  
{  
  if (this.total >= cut_off)  
  {  
    this.total = ((this.total/100.0)*90.0).toFixed(2);  
  }  
}, //-----  
loyalty: function(card){  
  if (card)  
  {  
    this.total = ((this.total/100.0)*98.0).toFixed(2);  
  }  
}, //-----
```

The two algorithms above are from my shopping basket code. The first takes 10% discount off the basket total called when the value of the basket is over £20 and the second adds a further 2% discount if the shopper has a discount card. I chose these as examples are they are something that can be seen and used in the real world.