

# Algorithmic Problem Solving



A strategy



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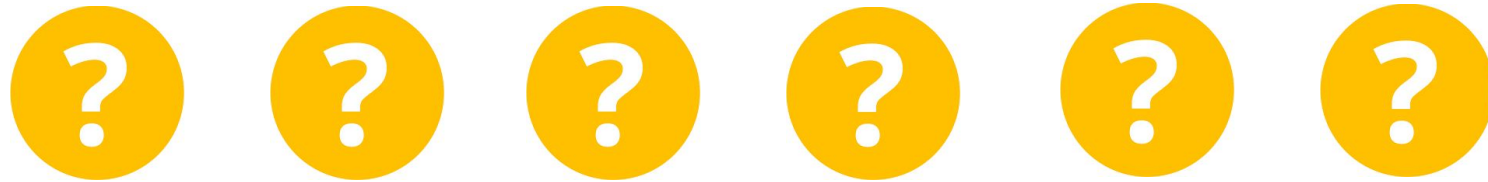


## By the end of this video you will be able to...

- Describe a strategy for solving new problems



## Step 1



## Step 2



example

**Step 3**



## Step 4



- Test with normal input
- Test with edge cases
- Data structures
- Performance
- Trade-offs

## Step 5



- Test with normal input
- Test with edge cases
- Data structures
- Performance
- Trade-offs



## Step 6



```
public void processData()
{
    do
    {
        int data = getData();
        if(data < 0)
            performOperation1(data);
        else
            performOperation2(data);
    }
    while(hasMoreData());
}
```