

# 109590031\_HW10-1

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## Question 1

For a `ProgressBar`:

1. How do you determine the range of values that a `ProgressBar` can show?
2. How do you change how much of the progress bar is filled in?

## Answer

1. by using `getMin()` and `getMax()`
2. by using `onProgressUpdate()` to update progress, and fill in the specific value.

## Question 2

If an `AsyncTask` is defined as follows:

```
private class DownloadFilesTask extends AsyncTask<URL, Integer, Long>
```

1. What is the type of the value that is passed to `doInBackground()` in the `AsyncTask`?
2. What is the type of the value that is passed to the callback that reports the progress of the task?
3. What is the type of the value that is passed to the callback that is executed when the task completes?

## Answer

1. URL
2. Integer
3. Long

## Question 3

To report progress of the work executed by an `AsyncTask`, what callback method do you *implement*, and what method do you *call* in your `AsyncTask` subclass?

- Implement `publishProgress()`. Call `publishProgress()`.
- Implement `publishProgress()`. Call `onProgressUpdate()`.
- Implement `onProgressUpdate()`. Call `publishProgress()`.
- Implement `onProgressUpdate()`. Call `onProgressUpdate()`.

## *Answer*

- Implement `publishProgress()`. Call `onProgressUpdate()`.