

p. 192 #3

```
public static int max (int x, int y)
```

```
{
  ①
```

```
  if (x > y)
```

```
    return x;
```

```
  return y;
```

```
  ② return
```

```
    Math.max(x, y);
```

```
  ③ return x > y ? x : y;
```

```
}
```

#4

```
public double totalWages
  ( double hours, double rate)
```

```
{
```

```
  double wages;
```

```
  if (hours > 40)
```

```
  {
```

```
    double x = hours - 40;
```

```
    double y = 40 * rate;
```

```
    wages = x * rate * 1.5 + y;
```

```
  }
```

```
  else
```

```
    wages = hours * rate;
```

```
  return wages;
```

```
}
```

how totalWages() method might be used

```
double hours = e.getHours();  
double rate = e.getBaseRate();
```

```
double wages = totalWages  
(hours, rate);
```