

c)

```
GE_70 = 0;
```

```
GE_85 = 0;
```

```
for i = 1:1000
```

```
    sample = normrnd(65, 6, 100, 1);
```

```
    total = sum(sample > 60 & sample < 75);
```

```
    if total >= 70
```

```
        GE_70 += 1;
```

```
    end
```

```
    if total >= 85
```

```
        GE_85 += 1;
```

```
    end
```

```
end
```

```
GE_70
```

```
GE_85
```

GE 70: at least 70 percent of the elephants had a lifespan in the given range

GE 85: at least 85 percent of the elephants had a lifespan in the given range

```
octave:1> GE_70 = 0;
GE_85 = 0;

for i = 1:1000
    sample = normrnd(65, 6, 100, 1);
    total = sum(sample > 60 & sample < 75);

    if total >= 70
        GE_70 += 1;
    end
    if total >= 85
        GE_85 += 1;
    end
end

GE_70
GE_85
GE_70 = 886
GE_85 = 15
```