IN class problems-1

0. Value of Z = 1.5915, since its positive and a non-negative value is valid for pdf's we can say it represents the normal distribution of mean and sigma over the given 2D vector

```
Mean = [0 1];
Sigma = [0.1 0; 0 0.1];
z = mvnpdf([0 1], Mean, Sigma)
```

```
z = 1.5915
```

1. We can see from the figure that we confirmed the data point z from problem 0.