EXPERIMENT 10 (1)

Ojasvi Jain – J022

1. ResNet50:

```
40960/35363 [==============================] - 0s 0us/step
Predicted: [('n02504458', 'African_elephant', 0.7008179), ('n01871265', 'tusker', 0.22506936), ('n02504013', 'Indian_elephant', 0.07407037)]
```

2. Xception:

```
Predicted: [('n03908618', 'pencil_box', 0.7826093), ('n02834397', 'bib', 0.21422666), ('n03485794', 'handkerchief', 0.0015178446)]
```

3. VGG16:

```
Predicted: [('n02504458', 'African_elephant', 0.8193), ('n01871265', 'tusker', 0.16853668), ('n02504013', 'Indian_elephant', 0.012021563)]
```

4. VGG19:

```
Predicted: [('n01871265', 'tusker', 0.51101905), ('n02504458', 'African_elephant', 0.46433243), ('n02504013', 'Indian_elephant', 0.024492588)]
```

5. RESNET50, RESNET101, RESNET152, RESNET50v2, RESNET101v2, RESNET152v2:

```
Predicted: [('n02504458', 'African_elephant', 0.68460923), ('n01871265', 'tusker', 0.23833339), ('n02504013', 'Indian_elephant', 0.07699996)]
Predicted: [('n02504458', 'African_elephant', 0.5987092), ('n01871265', 'tusker', 0.37834805), ('n02504013', 'Indian_elephant', 0.022770027)]
Predicted: [('n01871265', 'tusker', 0.4574203), ('n02504458', 'African_elephant', 0.43029752), ('n02504013', 'Indian_elephant', 0.10946576)]
Predicted: [('n02356798', 'fox_squirrel', 1.0), ('n15075141', 'toilet_tissue', 0.0), ('n02319095', 'sea_urchin', 0.0)]
Predicted: [('n02089973', 'English_foxhound', 1.0), ('n15075141', 'toilet_tissue', 0.0), ('n02321529', 'sea_cucumber', 0.0)]
Predicted: [('n02841315', 'binoculars', 1.0), ('n15075141', 'toilet_tissue', 0.0), ('n02281787', 'lycaenid', 0.0)]
```

6. InceptionV3:

```
Predicted: [('n06359193', 'web_site', 0.99997365), ('n03481172', 'hammer', 2.6071892e-05), ('n04355933', 'sunglass', 2.2316021e-07)]
```

7. InceptionResNetV2:

```
Predicted: [('n06596364', 'comic_book', 1.0), ('n04517823', 'vacuum', 1.2406719e-14), ('n02791124', 'barber_chair', 3.821627e-21)]
```

8. MobileNet:

```
Predicted: [('n06596364', 'comic_book', 1.0), ('n04517823', 'vacuum', 1.2406719e-14), ('n02791124', 'barber_chair', 3.821627e-21)]
```

9. DenseNet121, DenseNet169, DenseNet201:

```
Predicted: [('n06359193', 'web_site', 0.9421496), ('n03196217', 'digital_clock', 0.05555092), ('n02708093', 'analog_clock', 0.0016221086)]
Predicted: [('n04286575', 'spotlight', 0.64216185), ('n03196217', 'digital_clock', 0.33419418), ('n04296562', 'stage', 0.021354053)]
Predicted: [('n02793495', 'barn', 0.98440546), ('n03028079', 'church', 0.015593086), ('n03891251', 'park_bench', 1.5486353e-06)]
```

10. NASNet:

```
Predicted: [('n06359193', 'web_site', 0.9421496), ('n03196217', 'digital_clock', 0.05555092), ('n02708093', 'analog_clock', 0.0016221086)]
```

11. MobileNetV2:

```
Predicted: [('n04418357', 'theater_curtain', 0.18816261), ('n04209239', 'shower_curtain', 0.10264124), ('n03637318', 'lampshade', 0.030288974)]
```