```
1 C:\Users\J\Desktop\Major\venv\Scripts\python.exe C:\
  Users\J\Desktop\Major\image_informative_Xception.py
2 Found 10888 images belonging to 2 classes.
3 Found 2720 images belonging to 2 classes.
4 Epoch 1/10
5 28/340 [=>.....] - ETA: 4:37
   - loss: 0.8277 - accuracy: 0.6362C:\Users\J\Desktop\
  Major\venv\lib\site-packages\PIL\Image.py:996:
  UserWarning: Palette images with Transparency
  expressed in bytes should be converted to RGBA images
6 warnings.warn(
7 340/340 [============ ] - 362s 1s/
  step - loss: 0.5939 - accuracy: 0.6977 - val_loss: 0.
  5304 - val_accuracy: 0.7305
8 Epoch 2/10
9 340/340 [============ ] - 338s 995ms
  /step - loss: 0.5069 - accuracy: 0.7491 - val_loss: 0
  .5544 - val_accuracy: 0.7283
10 Epoch 3/10
11 340/340 [============ ] - 339s 997ms
  /step - loss: 0.4532 - accuracy: 0.7796 - val_loss: 0
  .5905 - val_accuracy: 0.6993
12 Epoch 4/10
/step - loss: 0.3969 - accuracy: 0.8131 - val_loss: 0
  .5746 - val_accuracy: 0.7250
14 Epoch 5/10
15 340/340 [============= ] - 337s 990ms
  /step - loss: 0.3259 - accuracy: 0.8557 - val_loss: 0
  .6114 - val_accuracy: 0.7342
16 Epoch 6/10
17 340/340 [============== ] - 335s 985ms
  /step - loss: 0.2555 - accuracy: 0.8956 - val_loss: 0
  .6543 - val_accuracy: 0.7210
18 Epoch 7/10
19 340/340 [============= ] - 336s 990ms
  /step - loss: 0.1955 - accuracy: 0.9203 - val_loss: 0
  .7853 - val_accuracy: 0.7092
20 Epoch 8/10
/step - loss: 0.1434 - accuracy: 0.9490 - val_loss: 0
```

```
21 .8715 - val_accuracy: 0.7173
22 Epoch 9/10
/step - loss: 0.1216 - accuracy: 0.9558 - val_loss: 0
  .9049 - val_accuracy: 0.7243
24 Epoch 10/10
25 340/340 [============ ] - 337s 991ms
  /step - loss: 0.1077 - accuracy: 0.9623 - val_loss: 0
  .9892 - val_accuracy: 0.7162
26 Found 2237 images belonging to 2 classes.
step - loss: 0.9796 - accuracy: 0.7301
28 Test accuracy: 0.7300724387168884
29
30 Process finished with exit code 0
31
```