In [2]:
```
from tensorflow.keras.preprocessing.image import ImageDataGenerator, array_to_im

datagen=ImageDataGenerator(
    rotation_range=40,
    width_shift_range=0.2,
    height_shift_range=0.2,
    shear_range=0.2,
    zoom_range=0.2,
    horizontal_flip=True,
    fill_mode='nearest'
)
```

In [3]:
```
img=load_img(r"D:\Data Science With AI Practise PDF\Training\happy\child 1.jpeg"
```

In [4]:
```
img
```

Out[4]:

In [5]:
```
x=img_to_array(img)
x=x.reshape((1,)+x.shape)

i=0
for batch in datagen.flow(x, batch_size=1,
                          save_to_dir=r"D:\Data Science With AI Practise PDF\dat
    i+=1
    if i>30:
        break
```

In [ ]:
```

```