

It is the chosen sample bitmap image



And this is the encrypted image using the

Encryption algorithm –aes-128 on ecb mode and replacing the first 54 bytes of header information

Encryption Command:

openssl enc -aes-128-ecb -e -in sample1.bmp -out aes128ecb\_encryptedImage.bmp -K 0001112223334445556677aabbccee23

**Using cbc mode**

Encryption Command:

openssl enc -aes-128-ecb -e -in sample1.bmp -out aes128ecb\_encryptedImage.bmp -K 0001112223334445556677aabbccee23



Encryption Command:

openssl enc -aes-128-cbc -e -in sample1.bmp -out aes128cbc\_encryptedImage.bmp -K 0001112223334445556677aabbccee23 -iv 45703759217584930247685944385563

And this is the encrypted image using the

Encryption algorithm –aes-128 on cbc mode and replacing the first 54 bytes of header information