

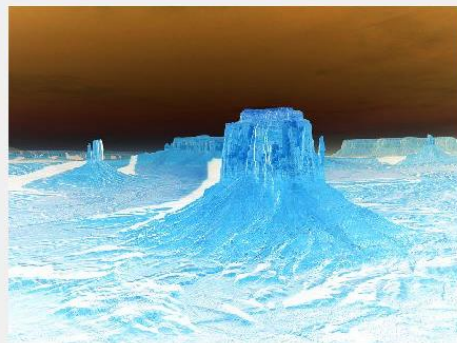
Practical – 10

Aim: - Generate the complement image using MATLAB.

Program for complement image:

```
t=imread('C:\Users\Public\Pictures\Sample Pictures\Desert.jpg');  
subplot(1,2,1);  
%show RGB image  
imshow(t);  
subplot(1,2,2);  
%show complemented RGB image  
imshow(imcomplement(t));  
%show grayscale image  
%show complemented grayscale image
```

Output: -



Program for creating image in MATLAB and complement it:

```
X = uint8([ 255 10 75; 44 225 100; 220 20 10]);
```

```
subplot(1,2,1);
```

```
imshow(X);
```

```
X2 = imcomplement(X)
```

```
subplot(1,2,2);
```

```
imshow(X2);
```

Output: -

